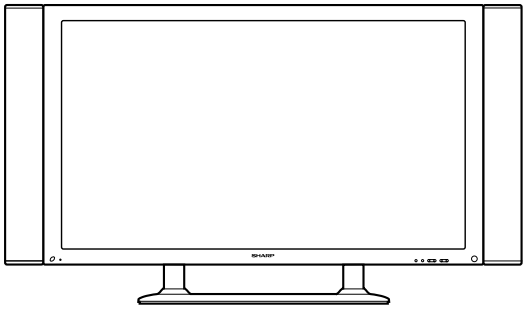
SHARP SERVICE MANUAL

SY2V1PZ43HV2E



PLASMA DISPLAY TV
(PANEL UNIT)

MODELS PZ-43HV2
PZ-43HV2E
PZ-43HV2U

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

CONTENTS

SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

IMPORTANT SERVICE SAFETY PRECAUTION

■ **Service work should be perfomed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:**

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

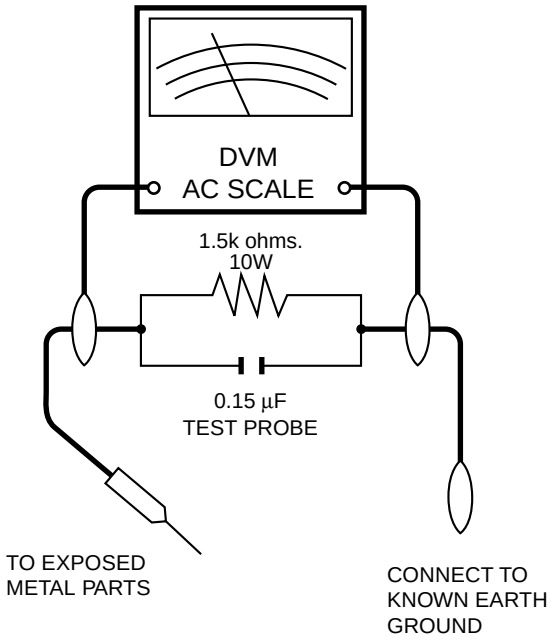
CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE. 9GJAEK1071(10A/400V): PZ-43HV2E, 9GJAKE1069 (10A/125V): PZ-43HV2U FUSE.

BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

Before returning the receiver to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators and etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.

- Plug the AC cord directly into a 110~240 volt AC outlet, and connect the DC power cable into the receiver's DC jack. (Do not use an isolation transformer for this test).
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.
- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resisor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon and etc.) and measure the AC voltage drop across the resistor.
  All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)
  Any reading of 35V peak (this corresponds to 0.7 milliamp. peak AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in television have special safety-related characteristics.
These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage and etc.
Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠" and shaded areas in the ***Replacement Parts List and Schematic Diagrams.***
For continued protection, replacement parts must be identical to those used in the original circuit.
The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

■ Ne peut effectuer la réparation qu' un technicien spécialisé qui s'est parfaitement accoutumé à toute vérification de sécurité et aux conseils suivants.

AVERTISSEMENT

1. N'entreprendre aucune modification de tout circuit. C'est dangereux.
2. Débrancher le récepteur avant toute réparation.

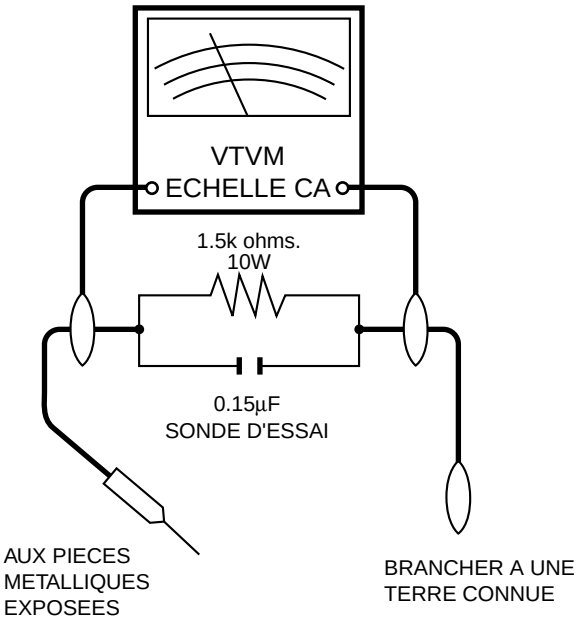
PRECAUTION: POUR LA PROTECTION CONTINUE CONTRE LES RISQUES D'INCENDIE, REMPLACER LE FUSIBLE PAR UN FUSIBLE DE MEME TYPE 9GJAEK1071 (10A/400V): PZ-43HV2E, 9GJAEK1069 (10A/125V): PZ-43HV2U.

VERIFICATIONS CONTRE L'INCEN-DIE ET LE CHOC ELECTRIQUE

Avant de rendre le récepteur à l'utilisateur, effectuer les vérifications suivantes.

1. Inspecter tous les faisceaux de câbles pour s'assurer que les fils ne soient pas pincés ou qu'un outil ne soit pas placé entre le châssis et les autres pièces métalliques du récepteur.
2. Inspecter tous les dispositifs de protection comme les boutons de commande non-métalliques, les isolants, le dos du coffret, les couvercles ou blindages de réglage et de compartiment, les réseaux de résistance-capacité, les isolateurs mécaniques, etc.
3. S'assurer qu'il n'y ait pas de danger d'électrocution en vérifiant la fuite de courant, de la facon suivante:

- Brancher le cordon d'alimentation directem-ent à une prise de courant de 110-240V. (Ne pas utiliser de transformateur d'isolation pour cet essai).
- A l'aide de deux fils à pinces, brancher une résistance de 1,5 kΩ 10 watts en parallèle avec un condensateur de 0,15µF en série avec toutes les pièces métalliques exposées du coffret et une terre connue comme une conduite électrique ou une prise de terre branchée à la terre.
- Utiliser un voltmètre CA d'une sensibilité d'au moins 5000Ω/V pour mesurer la chute de tension en travers de la résistance.
- Toucher avec la sonde d'essai les pièces métalliques exposées qui présentent une voie de retour au châssis (antenne, coffret métallique, tête des vis, arbres de commande et des boutons, écusson, etc.) et mesurer la chute de tension CA en-travers de la résistance. Toutes les vérifications doivent être refaites après avoir inversé la fiche du cordon d'alimentation. (Si nécessaire, une prise d'adpatation non polarisée peut être utilisée dans le but de terminer ces vérifications.)
  Tous les courants mesurés ne doivent pas dépasser 0,5 mA.
  Dans le cas contraire, il y a une possibilité de choc électrique qui doit être supprimée avant de rendre le récepteur au client.



AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les téléviseurs présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue. Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.
Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont identifiées par la marque " ⚠ " et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques.
Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies, radiations X ou autres accidents.

Specifications

Item	43" Plasma Display TV (Panel Unit), Model: PZ-43HV2E	43" Plasma Display TV (Panel Unit), Model: PZ-43HV2U
Number of Pixels	2,359,296 dots	2,359,296 dots
Audio Amplifier	12 W + 12 W (10 % distortion)	12 W + 12 W (10 % distrotion)
Surround System	—	SRS/FOCUS/SRS + FOCUS
Power requirement	AC 220-240V, 50/60 Hz, 320W (0.8 W Standby)	110-240V AC, 50/60 Hz, 320W (0.8 W Standby)
Dimensions	1288 (W) × 742 (H) × 428 (D) mm (with set stand and speakers)	50 23/32 (W) × 29 7/32 (H) × 16 7/8 (D) inch (with set stand and speakers) (1288 (W) × 742 (H) × 428 (D) mm)
Weight	44.5 kg (with set stand and speakers)	98.1 lbs. (44.5 kg)(with set stand and speakers)
Accessories	Power cord, Cleaning cloth, Two screws for preventing the System from falling over, Set stand securing bracket, Four screws for set stand securing bracket, System cable clamp, Five speaker cable clamps, Four speaker brackets, Hexagon wrench, Two speaker cables, Two kinds of screws for speaker brackets, Two speakers, Two spacers for speakers	Power cord, Cleaning cloth, Two screws for preventing the System from falling over, Stopper for set stand, Four screws for set stand, System cable clamp, Five speaker cable clamps, Four speaker brackets, Hexagon wrench, Two speaker cables, Two kinds of four screws for speaker bracket, Two spacers for speakers, Two speakers

SAFETY INFORMATION

This service manual is intended for qualified service technicians ; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.
Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING
This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, birth defects or other reproductive harm.

Health & Safety Code Section 25249.6 – Proposition 65

NOTICE
(FOR CANADIAN MODEL ONLY)
Fuse symbols  (fast operating fuse) and/or  (slow operating fuse) on PWB indicate that replacement parts must be of identical designation.

REMARQUE
(POUR MODÈLE CANADIEN SEULEMENT)
Les symboles de fusible  (fusible de type rapide) et/ou  (fusible de type lent) sur CCI indiquent que les pièces de remplacement doivent avoir la même désignation.

SAFETY PRECAUTIONS

NOTICE :Comply with all cautions and safety related notes located on or inside the cabinet and on the chassis.

The following precautions should be observed :

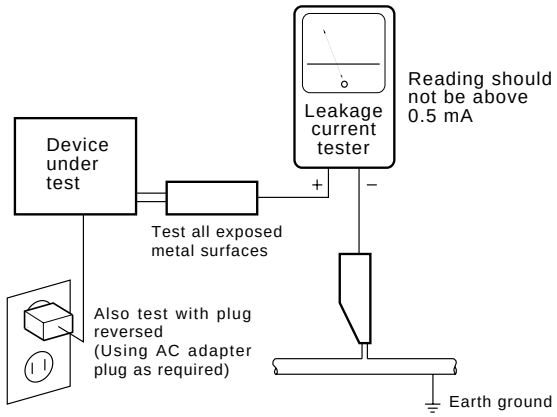
1. When service is required, even though the PDP UNIT an isolation transformer should be inserted between the power line and the set in safety before any service is performed.
2. When replacing a chassis in the set, all the protective devices must be put back in place, such as barriers, nonmetallic knobs, adjustment and compartment covershields, isolation resistor-capacitor, etc.
3. When service is required, observe the original lead dress. Extra precaution should be taken to assure correct lead dress in the high voltage circuitry area.
4. Always use the manufacture's replacement components. Especially critical components as indicated on the circuit diagram should not be replaced by other manufacture's. Furthermore where a short circuit has occurred, replace those components that indicate evidence of overheating.
5. Before returning a serviced set to the customer, the service technician must thoroughly test the unit to be certain that it is completely safe to operate without danger of electrical shock, and be sure that no protective device built into the set by the manufacture has become defective, or inadvertently defeated during servicing. Therefore, the following checks should be performed for the continued protection of the customer and service technician.
6. Perform the following precautions against unwanted radiation and rise in internal temperature.
   - Always return the internal wiring to the original styling.
   - Attach parts (Gascket, Ferrite Core, Ground, Rear Cover, Shield Case etc.) surely after disassembly.
7. Perform the following precautions for the PDP panel.
   - When the front case is removed, make sure nothing hits the panel face, panel corner, and panel edge (so that the glass does not break).
   - Make sure that the panel vent does not break. (Check that the cover is attached.)
   - Handle the FPC connected to the panel carefully. Twisting or pulling the FPC when connecting it to the connector will cause it to peel off from the panel.
8. Pay attention to the following.
   - Be sure to wire the fan. If the fan does not work, the temperature will rise and cause the protection circuit to operate.
   - When the front case is removed, infrared ray is radiated and may disturb reception of the remote control unit.
   - Pay extreme caution when the front case and rear panel are removed because this may cause a high risk of disturbance to TVs and radios in the surrounding.

Leakage Current Cold Check

With the AC plug removed from an AC power source, place a jumper across the two plug prongs. Turn the AC power switch on. Using an insulation tester (DC 500V), connect one lead to the jumpered AC plug and touch the other lead to each exposed metal part (input/output terminals, screwheads, metal overlays, control shafts, etc.), particularly any exposed metal part having a return path to the chassis. Exposed metal parts having a return path to the chassis should have a minimum resistor reading of 0.3MΩ and a maximum resistor reading of 5MΩ. Any resistor value below or above this range indicates an abnormality which requires corrective action. Exposed metal parts not having a return path to the chassis will indicate an open circuit.

Leakage Current Hot Check

Plug the AC line cord directly into an AC power source (do not use an isolation transformer for this check).
Turn the AC power switch on.
Using a "Leakage Current Tester (Simpson Model 229 equivalent)", measure for current from all exposed metal parts of the cabinet (input/output terminals, screwheads, metal overlays, control shaft, etc.), particularly any exposed metal part having a return path to the chassis, to a known earth ground (water pipe, conduit, etc.). Any current measured must not exceed 0.5mA.



AC Leakage Test

ANY MEASUREMENTS NOT WITHIN THE LIMITS OUTLINED ABOVE ARE INDICATIVE OF A POTENTIAL SHOCK HAZARD AND MUST BE CORRECTED BEFORE RETURNING THE SET TO THE CUSTOMER.

PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in SHARP set have special safety related characteristics. These are often not evident from visual inspection nor the protection afforded by them necessarily can be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this Service Manual.
Electrical components having such features are identified by marking with a ⚠ on the schematics and on the parts list in this Service Manual.
The use of a substitute replacement component which dose not have the same safety characteristics as the SHARP recommended replacement one, shown in the parts list in this Service Manual, may create shock, fire or other hazards.
Product Safety is continuously under review and new instructions are issued from time to time. For the latest information, always consult the current SHARP Service Manual. A subscription to, or additional copies of, SHARP Service Manual may be obtained at a nominal charge from SHARP.

CHARGED SECTION AND HIGH VOLTAGE GENERATING POINT

■ Charged Section

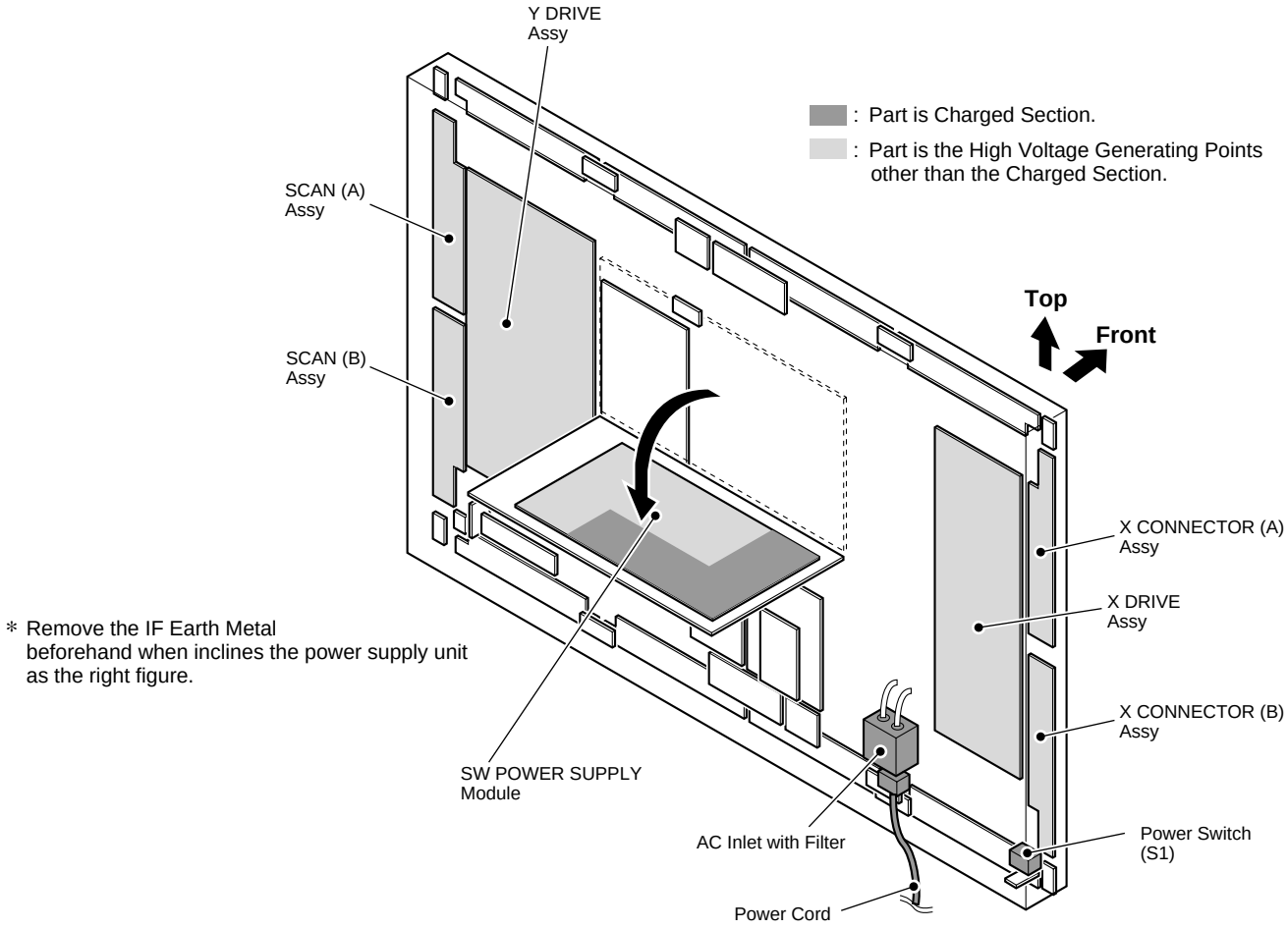
The places where the commercial AC power is used without passing through the power supply transformer.
If the places are touched, there is a risk of electric shock. In addition, the measuring equipment can be damaged if it is connected to the GND of the charged section and the GND of the non-charged section while connecting the set directly to the commercial AC power supply. Therefore, be sure to connect the set via an insulated transformer and supply the current.

1. AC Power Cord
2. AC Inlet with Filter
3. Power Switch (S1)
4. Fuse (In the SW POWER SUPPLY Module)
5. STB Transformer and Converter Transformer (In the SW POWER SUPPLY Module)
6. Other primary side of the SW POWER SUPPLY Module

■ High Voltage Generating Point

The places where voltage is 100V or more except for the charged places described above. If the places are touched, there is a risk of electric shock.

1. SW POWER SUPPLY Module ..... (215V)
2. X DRIVE Assy ..... (–280V to 215V)
3. Y DRIVE Assy ..... (345V)
4. SCAN (A) Assy ..... (345V)
5. SCAN (B) Assy ..... (345V)
6. X CONNECTOR (A) Assy ..... (–280V to 215V)
7. X CONNECTOR (B) Assy ..... (–280V to 215V)

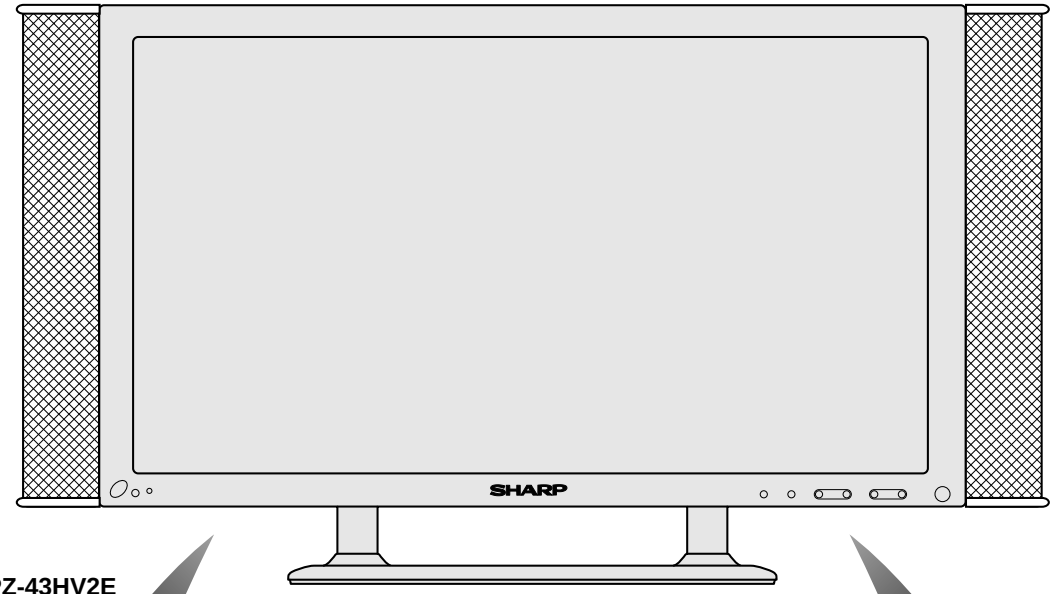


* Remove the IF Earth Metal beforehand when inclines the power supply unit as the right figure.

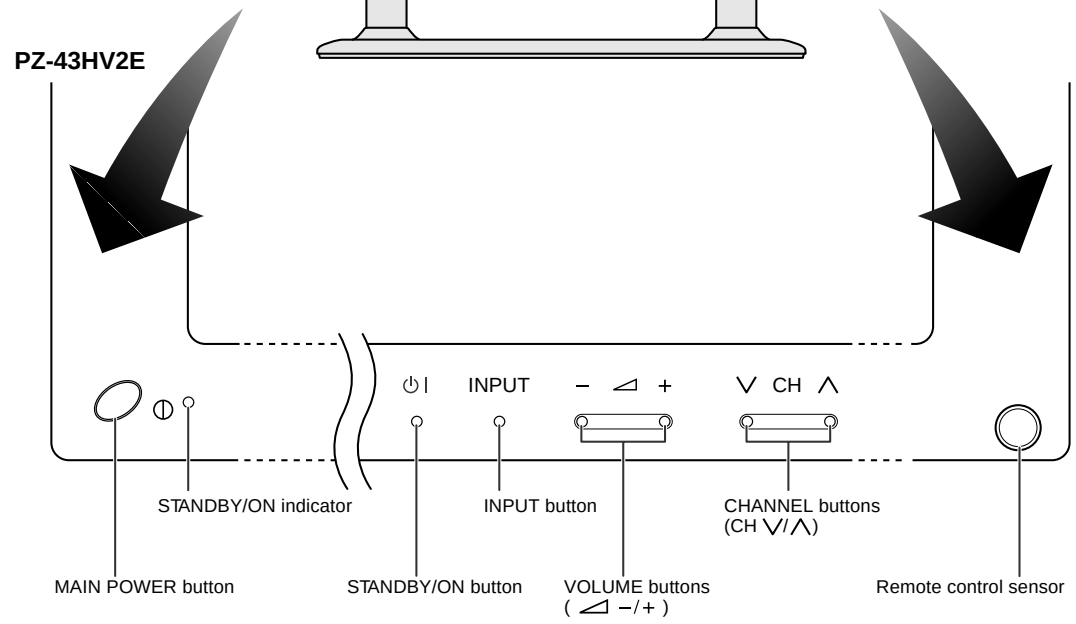
Fig.1 Charged Section and High Voltage Generating Point (Rear View)

OPERATION MANUAL

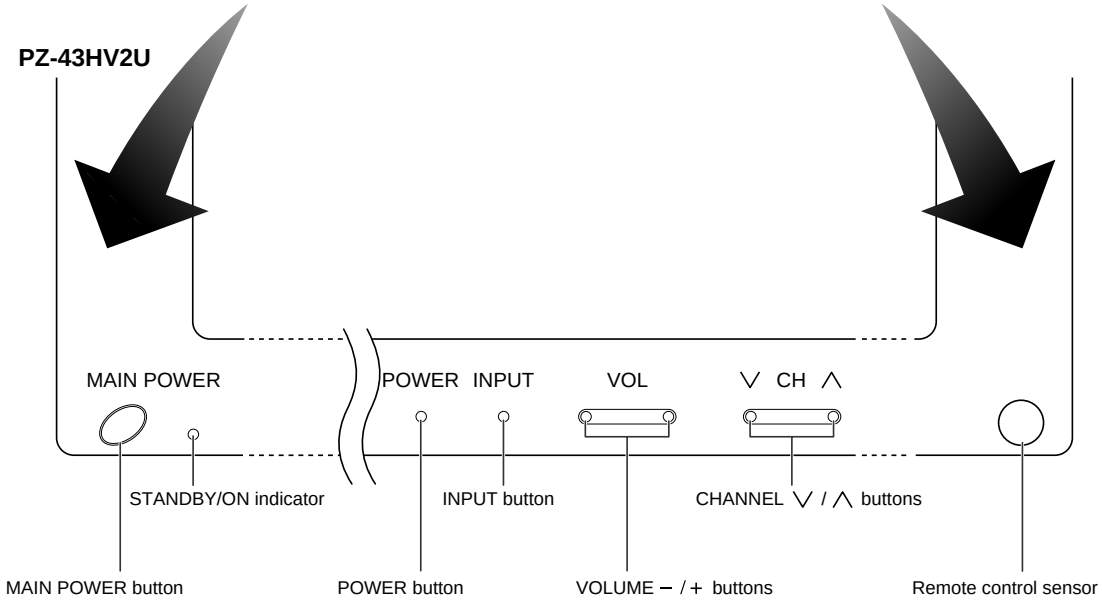
Plasma Display TV (Panel Unit)



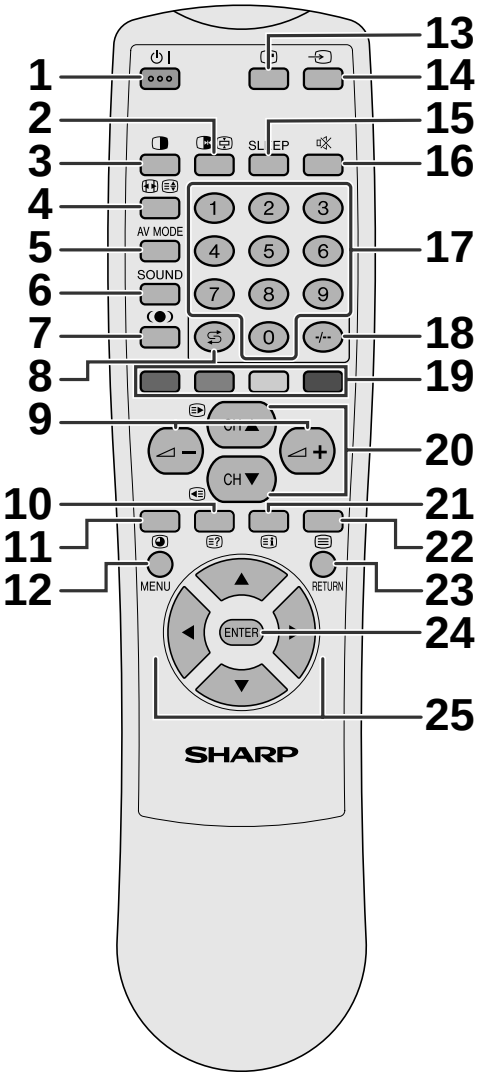
PZ-43HV2E



PZ-43HV2U



Remote control unit (PZ-43HV2E)



NOTE

- When using the remote control unit, point it at the Plasma Display TV (Panel Unit).

***** "TV", "INPUT1", "INPUT2", "INPUT3", "INPUT4" and "PC" modes can each store the WIDE mode setting separately.
The same for AV mode and volume.

1 **(STANDBY/ON)**
To switch the power on and off.

2 **(FREEZE/HOLD for TELETEXT)**
TV/External input mode: Change the still image mode.
TELETEXT mode: Freeze a multi-page on screen while other pages are automatically updated. Press again to return to the normal image.

3 **(DUAL screen)**
Set the dual picture mode. Press again to return to normal view.

4 **(WIDE MODE/ T/B/F)***
TV/External input mode: Change the wide image mode.
TELETEXT mode: Set the area of magnification. (full/upper half/ lower half)

5 **AV MODE***
Select a video setting. AV MODE (STANDARD, DYNAMIC, MOVIE, GAME, USER) PC MODE (STANDARD, USER)

6 **SOUND**
Select the sound multiplex mode.

7 **(SRS and FOCUS)**
Select SRS and FOCUS Sound System.

8 **(FLASHBACK)**
Press to return to the previous channel in normal viewing mode.
Press to return to the previous page in TELETEXT mode.

9 **− / + (VOLUME)***
Set the volume.

10 **(Reveal hidden for TELETEXT)**
TELETEXT mode: Display hidden characters.

11 **(SUBPAGE for TELETEXT)**
TELETEXT mode: Change the picture mode for sub-page selecting.

12 **MENU**
Display the Menu screen.

13 **(CHANNEL INFORMATION)**
Display the channel information and time.

14 **(INPUT SOURCE)**
Select an input source. (TV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, PC)

15 **SLEEP**
Set the SLEEP TIMER.

16 **(MUTE)**
Mute the sound.

17 **0 – 9**
TV/External input mode: Set the channel.
TELETEXT mode: Set the page.

18 **-/-- (Digit for channel select)**
Change the digits of the selected TV channel.

19 **Colour (RED/GREEN/YELLOW/BLUE)**
TELETEXT mode: Select a page.

20 **CH▲/CH▼(/)**
TV/External input mode: Select the channel.
TELETEXT mode: Set the page.

21 **(TOP Overview for TELETEXT)**
TELETEXT mode: Display an index page for CEEFAX/FLOF information. TOP OVER VIEW for TOP programme.

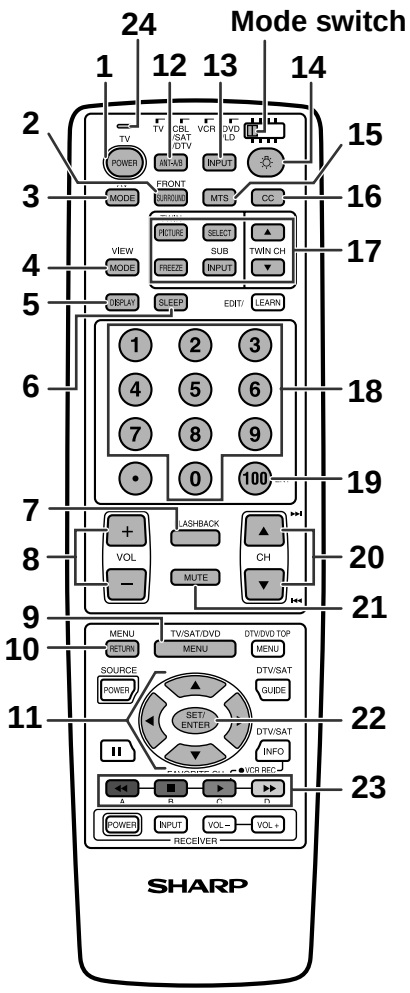
22 **(TELETEXT)**
Select the TELETEXT mode. (all TV image, all TEXT image, TV/TEXT image)

23 **RETURN**
MENU mode: Return to the previous menu screen.

24 **ENTER**
Execute a command.
Return to the initial image position after moving with ▲/▼/◀/▶.

25 **▲/▼/◀/▶ (Cursor)**
Select a desired item on the setting screen.
Move the picture on the screen.

Remote control unit (PZ-43HV2U)



NOTE

- When using the remote control unit, point it at the Plasma Display TV(Panel Unit).
- Press DTV/SAT INFO and ▶ at the same time to begin recording.

Set the mode switch to TV.

1 **TV :** Switch the Plasma Display power on or off.

2 **FRONT SURROUND:** Set SRS and FOCUS Sound System mode.

3 **AV MODE:** Select an audio or video setting.
(AV mode: STANDARD, DYNAMIC, MOVIE, GAME, USER.
PC mode: STANDARD, USER.)

4 **SCREEN MODE:** Select the screen size.

5 **DISPLAY:** Display the channel information.

6 **SLEEP:** Set the SLEEP timer.

7 **CH RETURN:** Return to the previous channel.

8 **VOL +/–:** Set the volume.

9 **MENU:** Display the menu screen.

10 **MENU RETURN:** Return to the previous menu screen.

11 **▲/▼/◀/▶:** Select a desired item on the setting screen.

12 **ANT:** Select the antenna. (A, B)

13 **INPUT:** Select an input source of the Plasma Display. (TV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, PC)

14 **☼:** When pressed all buttons on the remote control unit will light. The lighting will turn off if no operations are performed within about 5 seconds. This button is used for performing operations in dark places.

15 **MTS:** Select the MTS/SAP.

16 **CC:** Display captions during closed-caption source.

17 **Dual picture mode select buttons**
TWIN PICTURE: Set the dual picture mode. Press again to return to normal screen.
FREEZE: Set the still image. Press again to return to normal screen.
SELECT: Select the active screen.
SUB INPUT: Select an input source of sub screen.
TWIN CH +/–: Select the channel of sub screen.

18 **0 – 9:** Set the channel.

19 **100, CH ENTER:** Select the three digit mode. Execute a command of the channel.(When you select CBL/SAT/DTV mode, this button operates as CH ENTER function.)

20 **CH ▲/▼:** Select the channel.

21 **MUTING:** Mute the sound.

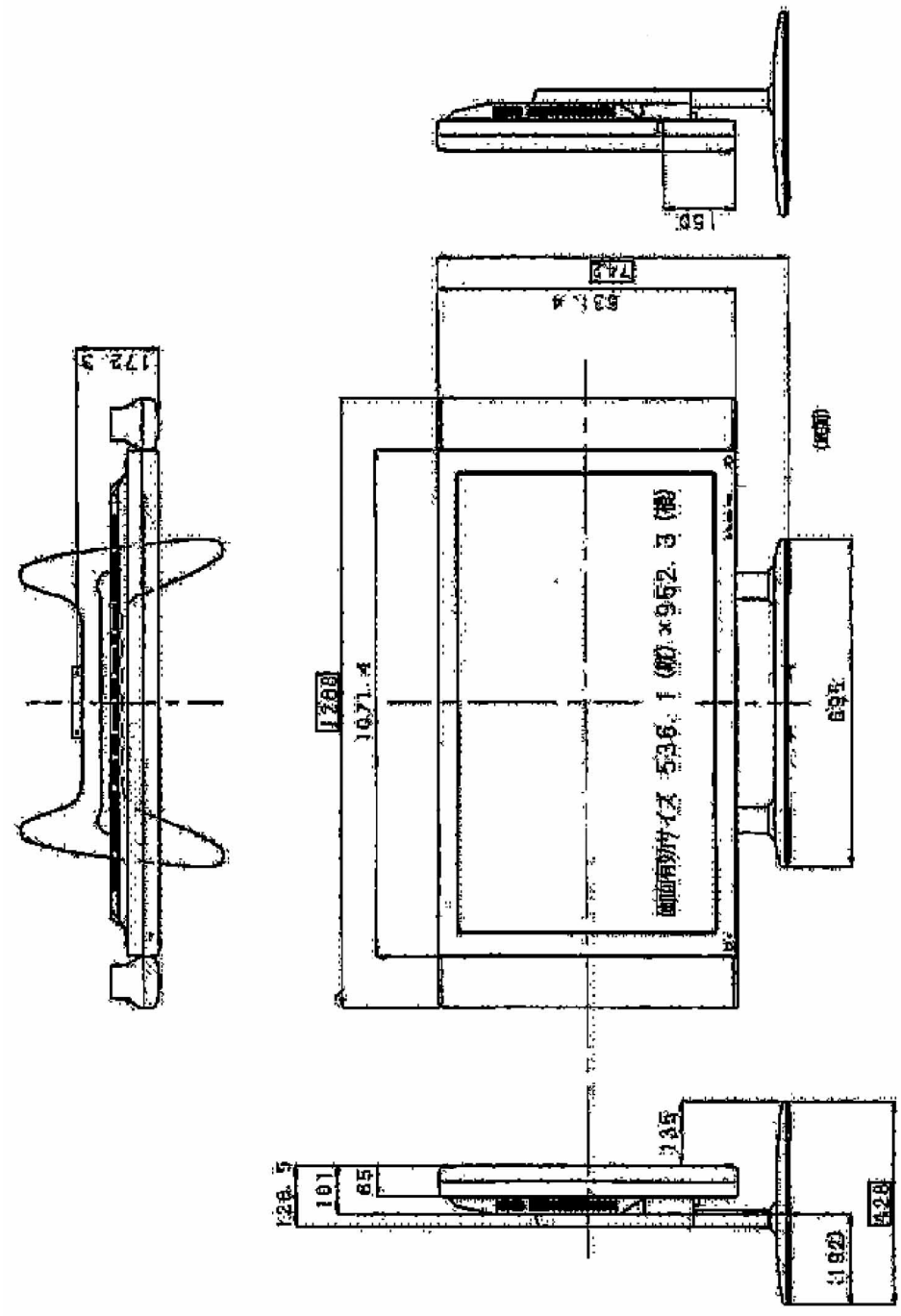
22 **SET/ENTER:** Execute a command.

23 **FAVORITE CH**
A, **B**, **C**, **D:** Select any of four preset channels. While watching you can toggle the set channels by pressing A, B, C and D.

24 **LED for transmission confirmation**

DIMENSIONS

Unit:mm



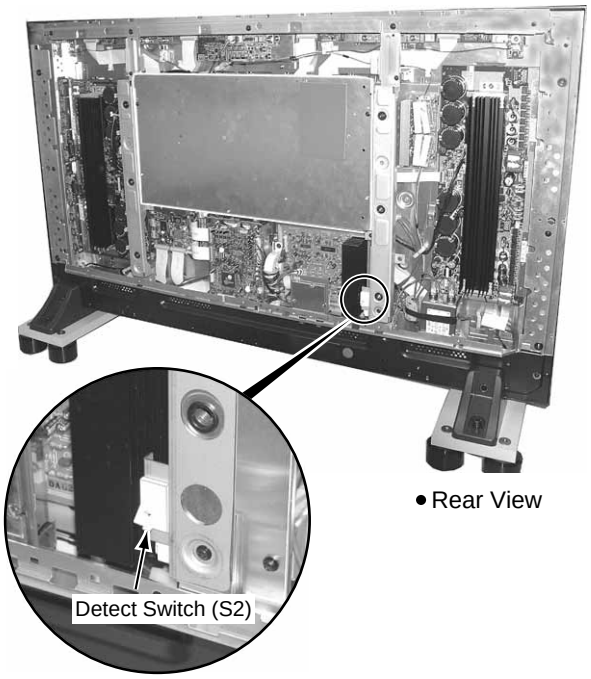
REMOVING OF MAJOR PARTS

About detect switch

This unit adopt the "Rear Case opened ! detection" system.
Please work in service as follows by all means.

● Outline and caution

Perform video transmission from the AVC System to the plasma display with digital signal in the PZ-43HV2 series. Therefore adopt contents protection by HDCP for copyright protection.
Moreover establish the detect switch which is never turned on the power when "a rear case of plasma display was opened carelessly".
Detect switch does not detect at the power supply OFF and the remote control unit wait state. Please stick this detect switch with tape before turning on the power in inside diagnoses of the plasma display. And please remove it not to forget the tape which stuck after the repair.



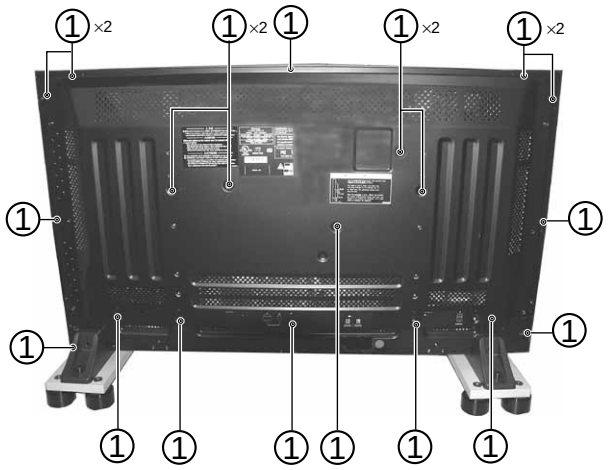
● Rear View

● When detect switch has worked by any chance

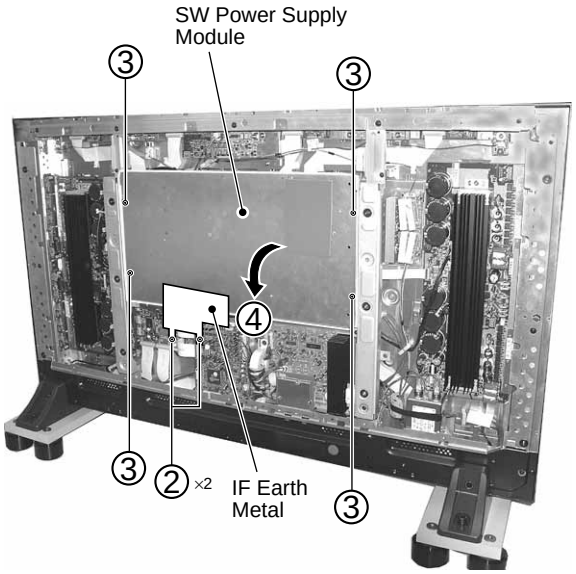
When detect switch works, LED of red blinks in succession by a 300msec period.
Press keys in order of "MENU" key, "ENTER" key and "POWER" key with the remote control unit after sticking the detect switch with tape or close the rear case beforehand.
This unit activates and it becomes the service factory mode screen. Afterwards, turn off the power with the remote control unit.
Perform the normal operation afterward.

SW Power Supply Module

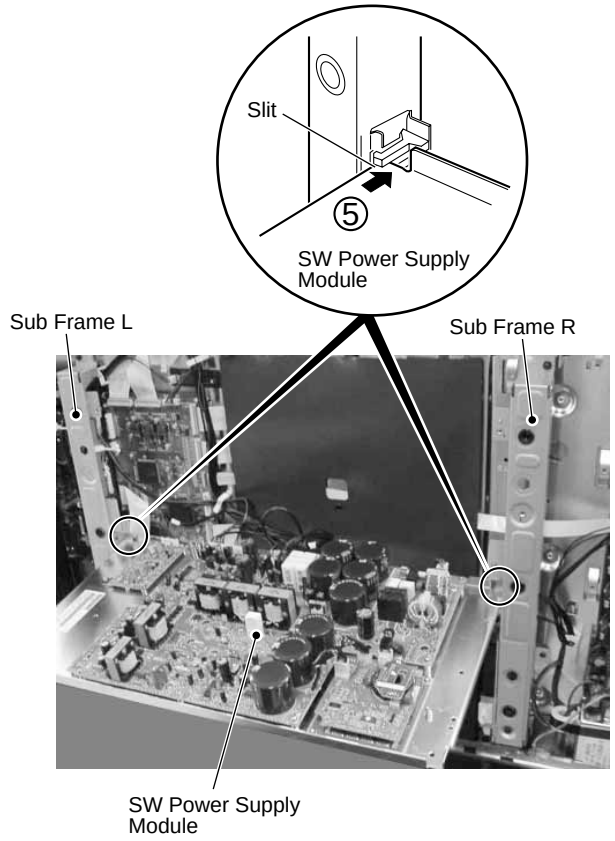
① Remove the Rear Case (P).(Screws × 19)



② Remove the IF Earth Metal.(Screws × 2)
③ Remove four screws.
④ Remove the SW Power Supply Module.



⑤ Insert the SW Power Supply Module into the slit of Sub Frame L and R.



Diagnosis

MR INTERFACE, AUDIO AMP SP TERMINAL and DIGITAL VIDEO Assys

① Remove the Rear Case (P). (Screws × 19)

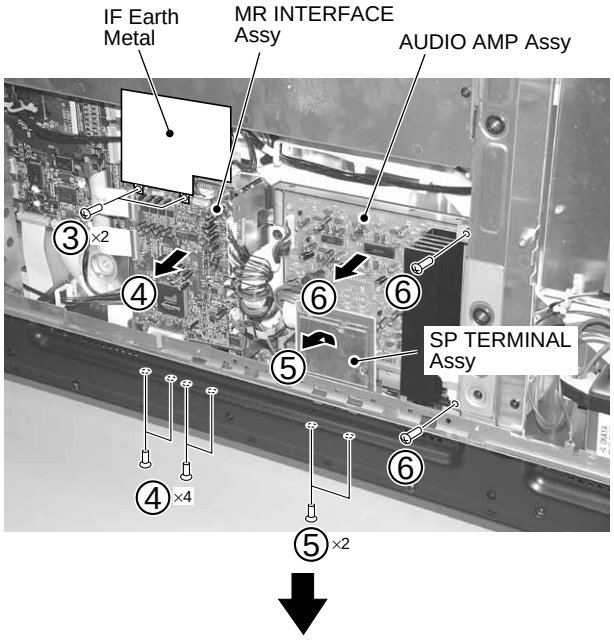
② Remove the SW Power Supply Module. (Connector, Screws × 4)

③ Remove the IF Earth Metal (Screws × 2)

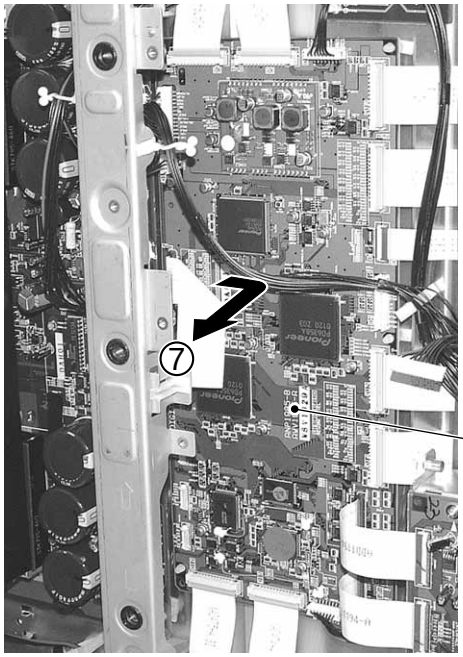
④ Remove the MR INTERFACE Assy (Connector, Screws × 4)

⑤ Remove the SP TERMINAL Assy (Connector, Screws × 2)

⑥ Remove the AUDIO AMP Assy (Connector, Screws × 2)

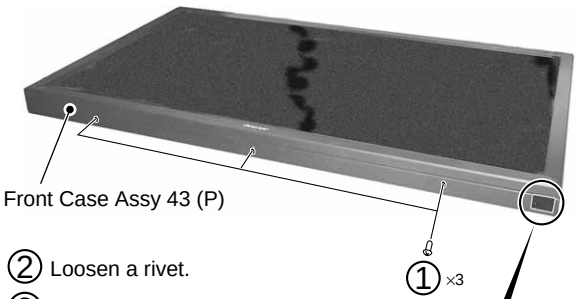


⑦ Remove the DIGITAL VIDEO Assy (Connector,Circuit Board Spacer × 6)



Y DRIVE, SCAN (A), (B) Assy

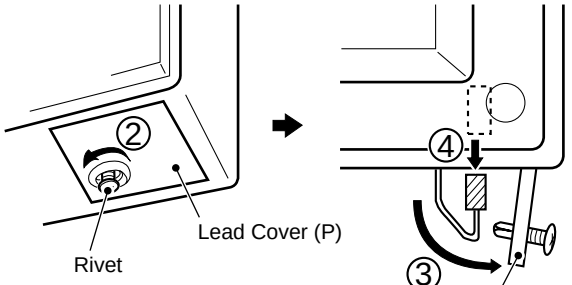
① Remove the three screws.



② Loosen a rivet.

③ Remove the Lead Cover (P).

④ Pull out a Flexible Cable.

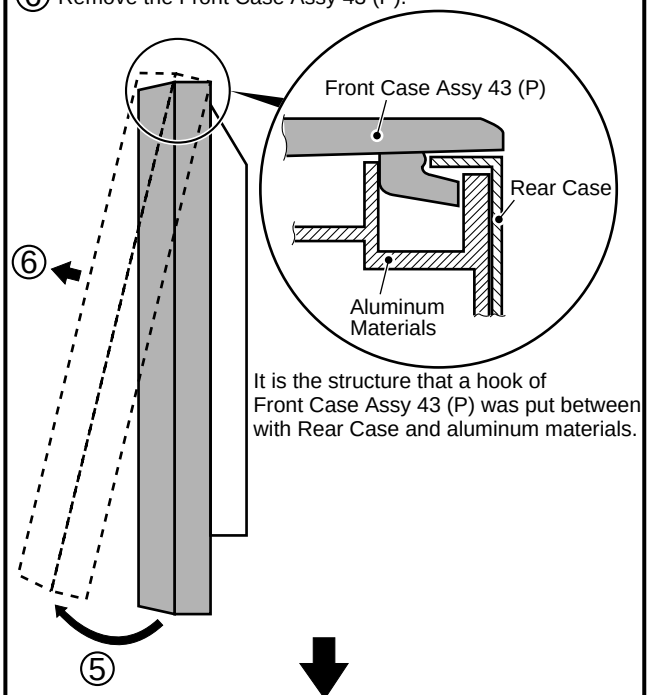


Turn it not to press the rivet.
(Because when the rivet presses, fit in once again.)

It is easy to remove when pull out the Lead Cover (P) with the rivet before completely removing the rivet.

⑤ Remove bottom by the fulcrum at the top of Front Case Assy 43 (P).

⑥ Remove the Front Case Assy 43 (P).



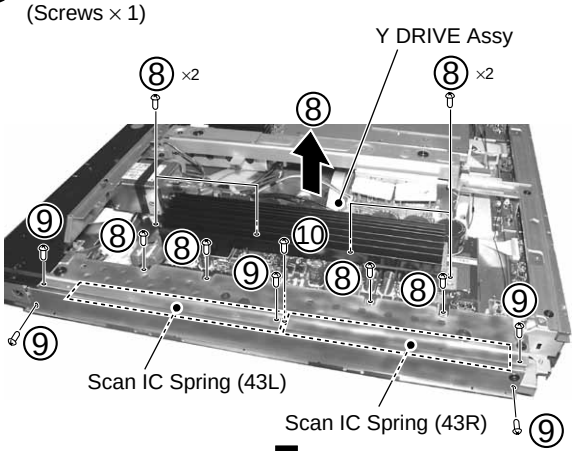
It is the structure that a hook of Front Case Assy 43 (P) was put between with Rear Case and aluminum materials.

⑦ Remove the Rear Case (P). (Screws × 19)

⑧ Remove the Y DRIVE Assy.
(Connector, PCB Spacer × 3, Screws × 8)

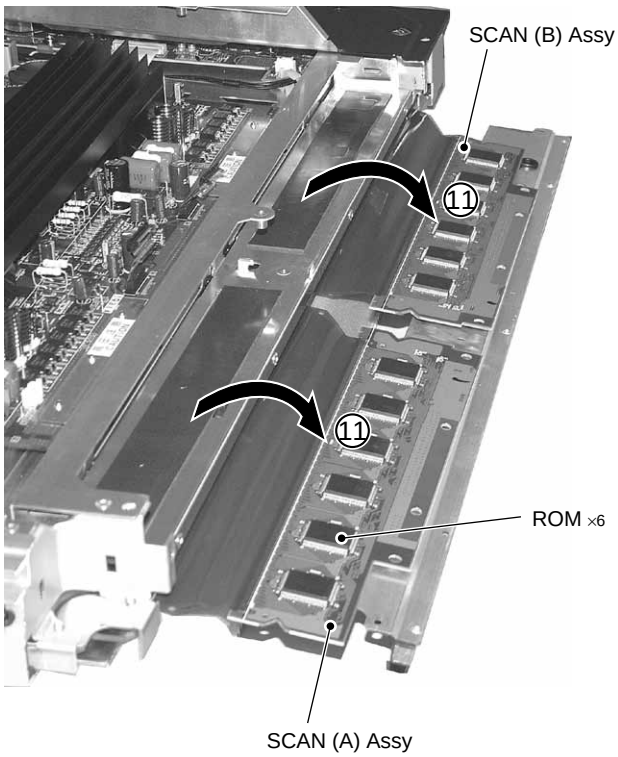
⑨ Remove the Front Chassis V. (Screws × 5)

⑩ Remove the Scan IC Spring (43L) and (43R).
(Screws × 1)



⑪ Reverse the SCAN (A) and SCAN (B) Assemblies.

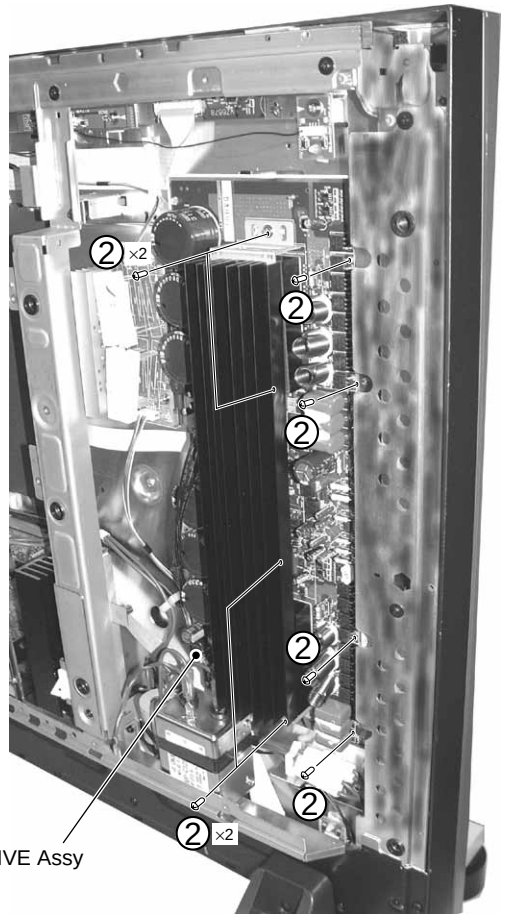
⑫ When it is necessary, exchange the ROM.



X DRIVE Assy

① Remove the Rear Case (P). (Screws × 19)

② Remove the X DRIVE Assy.
(Connector, PCB Spacer × 3, Screws × 8)



ADJUSTMENT PROCEDURES

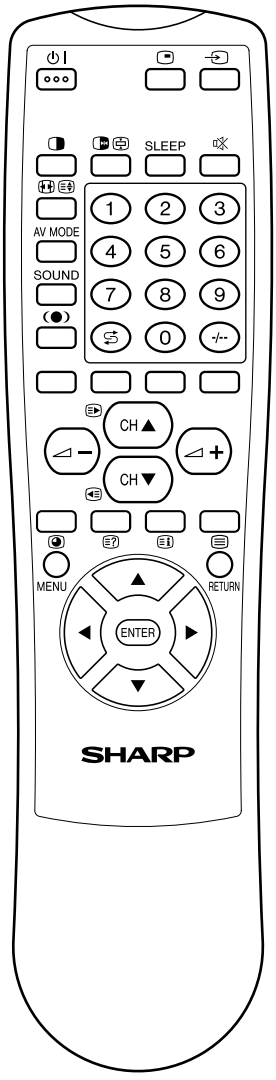
SERVICE FACTORY MODE

Service factory mode uses an OSD function of the AVC System.
Perform the adjustment and setting in the state that this unit and AVC System are connected by the system.
Plasma display cannot use a factory mode by being simple.

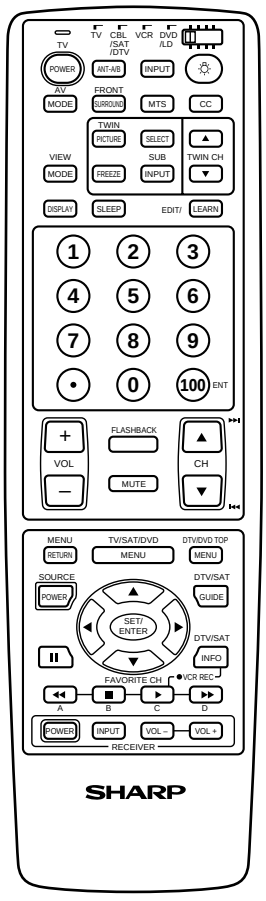
■ Remote Control Unit Operation in The Service Factory Mode

Operate the service factory mode with the remote control unit of accessory of the AVC System.
Please perform the adjustment by operating the following keys.

Remote Control Key	Function
CH ▲ key	One line moves the selection cursor of the adjustment item up.
CH ▼ key	One line moves the selection cursor of the adjustment item down.
VOL ◿ + key	+1 raises a adjustment value
VOL ◿ – key	–1 reduces a adjustment value
▲ key	Perform page down (previous page)
▼ key	Perform page up (next page)
◀ key	–10 reduces a adjustment value
▶ key	+10 raises a adjustment value

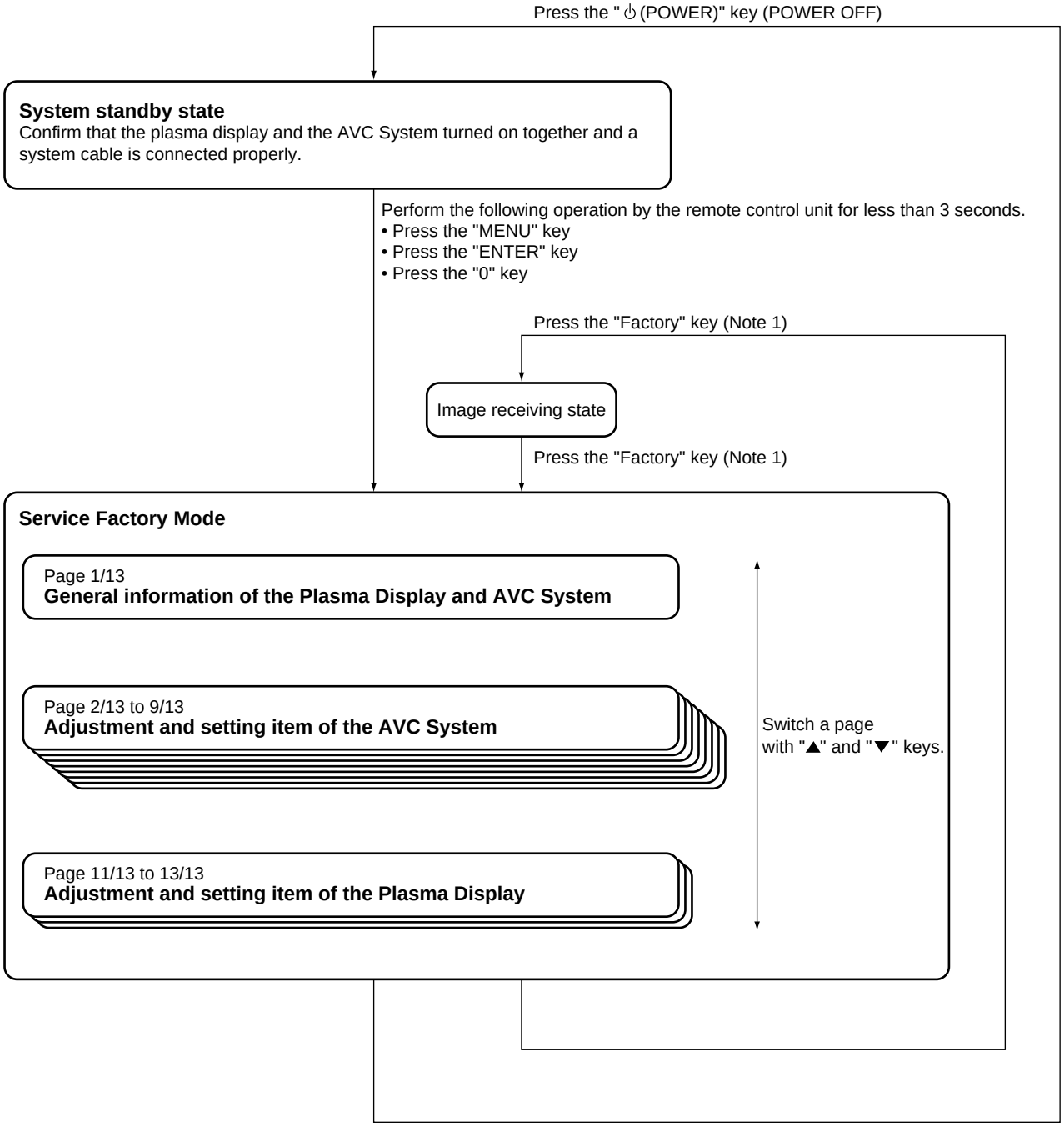


Model: PZ-43HV2E



Model: PZ-43HV2U

1. How to Enter the Service Factory Mode

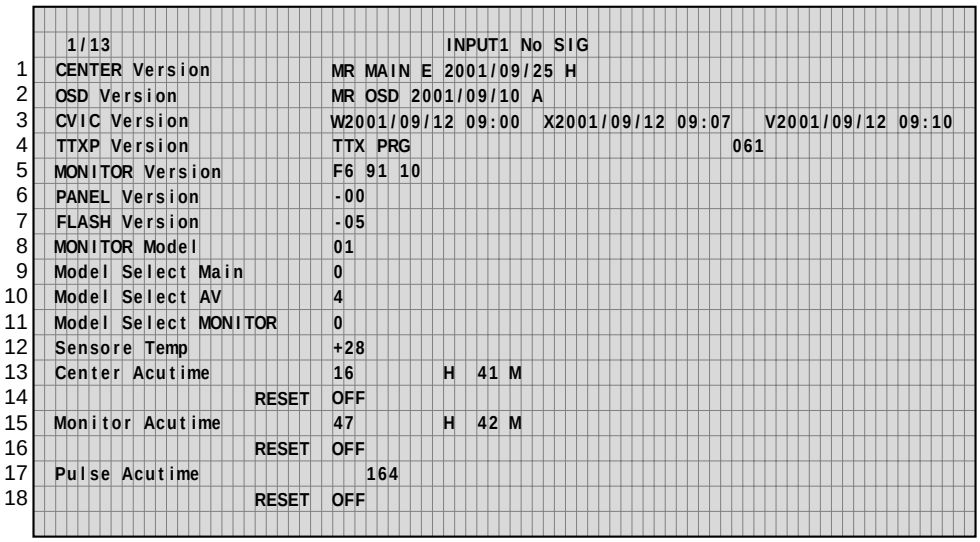


Note 1: When use the adjustment exclusive use remote control unit with a [AA5F] code.

* : Be careful so that there is the case that page constitution is different.

2. General Information of the Plasma Display and AVC System

● **Display example of the first page**

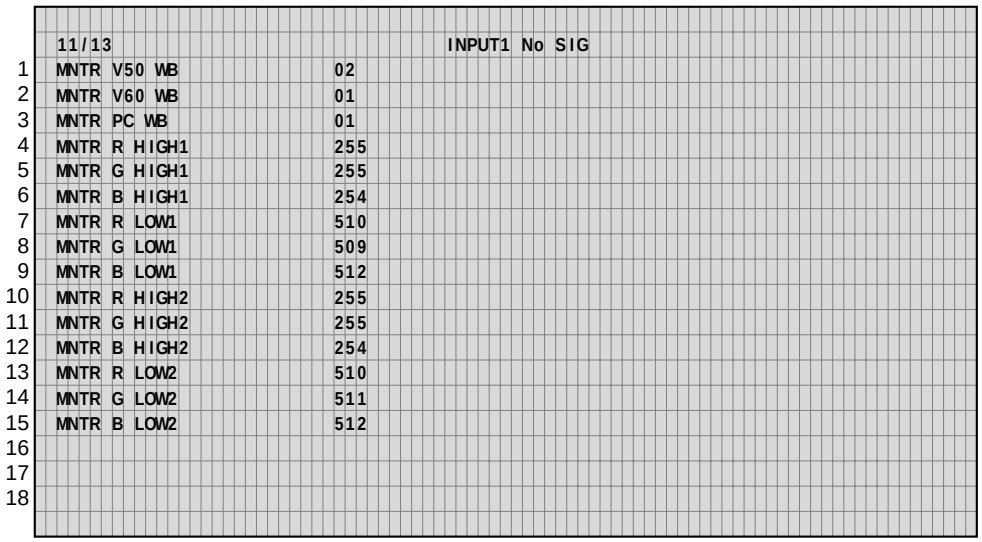


No.	Item	Explanation
1	Main software version information of the AVC System	
2	OSD version information of the AVC System	
3	IP/resize IC control software version information of the AVC System	
4	Text microcomputer software version information of the AVC System	
5	Module microcomputer software version information of the PDP	
6	Panel microcomputer version information of the PDP	Reference
7	Panel flash ROM version information of the PDP	
8	PDP model information	01: PIONEER 50 inches, 02: PIONEER 43 inches, 11: SHARP 50 inches, 12: SHARP 43 inches
9	AVC System model information	
10	AVC System model information	
11	PDP destination information	0: All SHARP destinations, Japanese and North America destinations of PIONEER, 3: European and general destinations of PIONEER
12	Temperature information of panel temperature sensor on the PDP	This is internal temperature information. This is not establishment environment temperature.
13	AVC System accumulation operating time	
14	AVC System accumulation operating time reset	Turn the display to [ON] by pressing the "VOL +" key, then it becomes [0H] when pressing the "ENTER" key.
15	PDP accumulation operating time	
16	PDP accumulation operating time reset	Turn the display to [ON] by pressing the "VOL +" key, then it becomes [0H] when pressing the "ENTER" key.
17	PDP accumulation pulse number	Real accumulation pulse number becomes "indicated value *10,000,000 pulse".
18	PDP accumulation pulse number reset	Turn the display to [ON] by pressing the "VOL +" key, then it becomes [0] when pressing the "ENTER" key.

＊ : Be careful so that there is the case that page constitution is different.

3. Adjustment and Setting Item of the Plasma Display

● **Display example of the eleventh page**

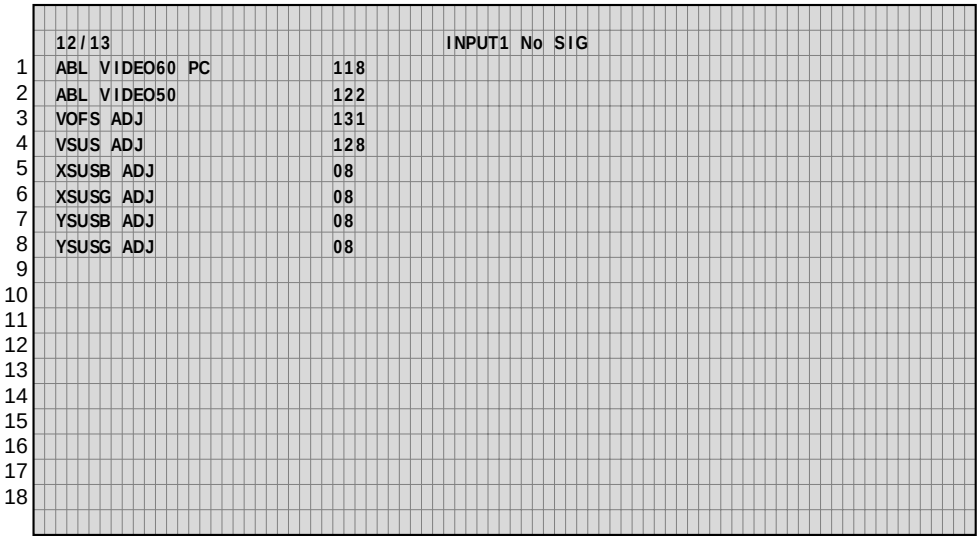


No.	Item	Adjustable Range	Shipping Setting	Storage Place
1	PDP_W/B table selection at VIDEO 50Hz	1 or 2	2	PDP
2	PDP_W/B table selection at VIDEO 60Hz	1 or 2	1	PDP
3	PDP_W/B table selection at PC	1 or 2	1	PDP
4	RED_GAIN of PDP_W/B table 1	0 to 255	Factory adjustment value	PDP
5	GREEN_GAIN of PDP_W/B table 1	0 to 255	Factory adjustment value	PDP
6	BLUE_GAIN of PDP_W/B table 1	0 to 255	Factory adjustment value	PDP
7	RED_OFS of PDP_W/B table 1	0 to 999	Factory adjustment value	PDP
8	GREEN_OFS of PDP_W/B table 1	0 to 999	Factory adjustment value	PDP
9	BLUE_OFS of PDP_W/B table 1	0 to 999	Factory adjustment value	PDP
10	RED_GAIN of PDP_W/B table 2	0 to 255	Factory adjustment value	PDP
11	GREEN_GAIN of PDP_W/B table 2	0 to 255	Factory adjustment value	PDP
12	BLUE_GAIN of PDP_W/B table 2	0 to 255	Factory adjustment value	PDP
13	RED_OFS of PDP_W/B table 2	0 to 999	Factory adjustment value	PDP
14	GREEN_OFS of PDP_W/B table 2	0 to 999	Factory adjustment value	PDP
15	BLUE_OFS of PDP_W/B table 2	0 to 999	Factory adjustment value	PDP

Caution in the PDP W/B (No.4 to 15) adjustment:
Adjustment value is reflected without relation in input signal during adjustment to the actual PDP.
For example, when operate a adjustment value of [MNTR HIGH1] during PAL input, switch to the adjustment value operation of W/B table 1 while displaying PAL in the actual PDP.
This is temporary.
After adjustment, it becomes the W/B table 2 operation in the PAL input after restarted in the normal mode. It becomes an operation of the W/B table 1 adjustment value after adjustment in the NTSC input.
As for the above example, table selection (No. 1 and 2) becomes the shipping setting.

＊ : Be careful so that there is the case that page constitution is different.

● **Display example of the twelfth page**



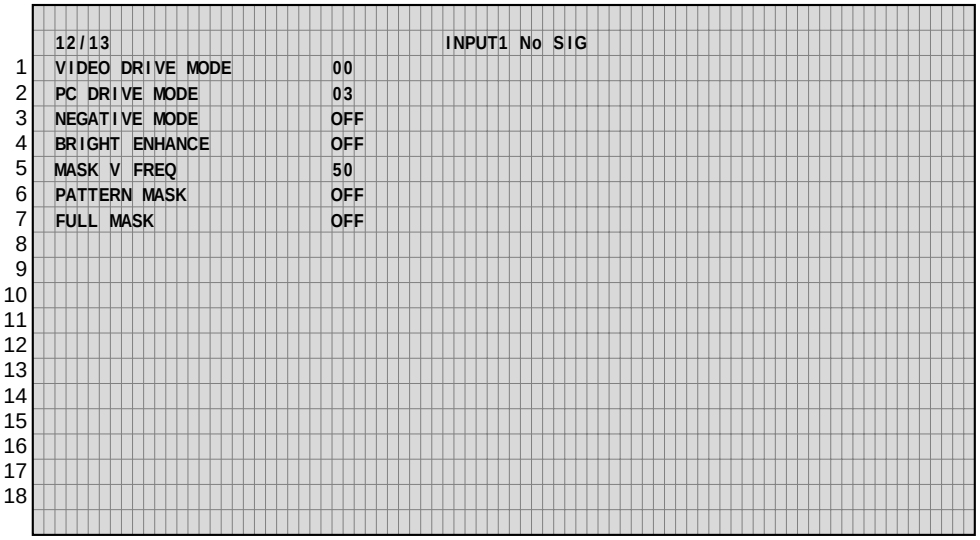
No.	Item	Adjustable Range	Shipping Setting	Storage Place
1	Electric power setting at the PC, VIDEO 60Hz	0 to 255	Factory adjustment value	PDP
2	Electric power setting at VIDEO 50Hz	0 to 255	Factory adjustment value	PDP
3	VOFS voltage setting	0 to 255	Factory adjustment value	PDP
4	VSUS voltage setting	0 to 255	Factory adjustment value	PDP
5	SUS_B timing setting of X drive	0 to 15	Factory adjustment value	PDP
6	SUS_G timing setting of X drive	0 to 15	Factory adjustment value	PDP
7	SUS_B timing setting of Y drive	0 to 15	Factory adjustment value	PDP
8	SUS_G timing setting of Y drive	0 to 15	Factory adjustment value	PDP

Adjustment item of this page is related in damage of the set when mistakes adjustment. When adjustment is needed, be enough careful to adjustment.

Caution in the electric power setting (No. 1 and 2) adjustment:
Adjustment value is reflected without relation in input signal during adjustment to the actual PDP.
For example, when operate a adjustment value of [ABL VIDEO 60 PC] during PAL input, switch to the adjustment value operation of [ABL VIDEO 60 PC] while displaying PAL in the actual PDP. This is temporary.
After adjustment, it becomes the [ABL VIDEO 50] operation in the PAL input after restarted in the normal mode. It becomes an operation of the [ABL VIDEO 60PC] adjustment value after adjustment in the NTSC input.

＊ : Be careful so that there is the case that page constitution is different.

● **Display example of the thirteenth page**



No.	Item	Adjustable Range	Shipping Setting	Storage Place
1	Drive mode selection at VIDEO	0 to 5	0	PDP
2	Drive mode selection at PC	0 to 5	3	PDP
3	Negative positive inversion mode	OFF/ON	OFF	PDP
4	Bright enhance	OFF/ON	OFF	None
5	Refresh rate at mask signal generation	50/60/70	–	None
6	Pattern mask signal generation	OFF/	OFF	PDP
7	Full mask signal generation	OFF/	OFF	PDP

Caution in the mask (generation test signal screen in the PDP inside) signal generation:

- A pattern mask and a full mask can use only either.
  Therefore, turn a full mask to OFF when uses a pattern mask. Also turn a pattern mask to OFF when uses a full mask.
- A pattern mask and a full mask are test signal screens occurring together in the PDP inside. Therefore, in the mask signal generation, it cannot confirm video inputting from OSD and the outside.
  When release mask setting or change of each setting or perform the confirmation of the adjustment or external input signal, perform key operation of the main unit button or the remote control unit.
  When operated something, stop the generation of the mask signal just after that for two seconds. Therefore, modification and adjustment of each setting and confirmation of the external input signal are possible.

* : Be careful so that there is the case that page constitution is different.

ADJUSTMENT REQUIRED WHEN THE SET IS REPAIRED OR REPLACED

■ SW POWER SUPPLY Module

• When replaced

No adjustment required.

■ DIGITAL VIDEO Assy

• When repaired

No adjustment required.

• When replaced

• Remove IC1204 (24LC04(1) SN-TBB) from the former PC Board to replace, and install it to the new PC Board.

■ MR INTERFACE Assy

1. Remove IC4201 from the former PC Board to replace, and install it to the new PC Board.
2. Set slide SW according to page 222.

■ Y DRIVE Assy

• When repaired

1. VOFS/VH/IC5V voltage adjustment
2. Timing adjustment of pulse module

• When replaced

1. SUSB ground timing adjustment
2. Panel white balance adjustment

■ X DRIVE Assy

• When repaired

1. VRN voltage adjustment
2. Timing adjustment of pulse module

• When replaced

1. SUSB ground timing adjustment
2. Panel white balance adjustment

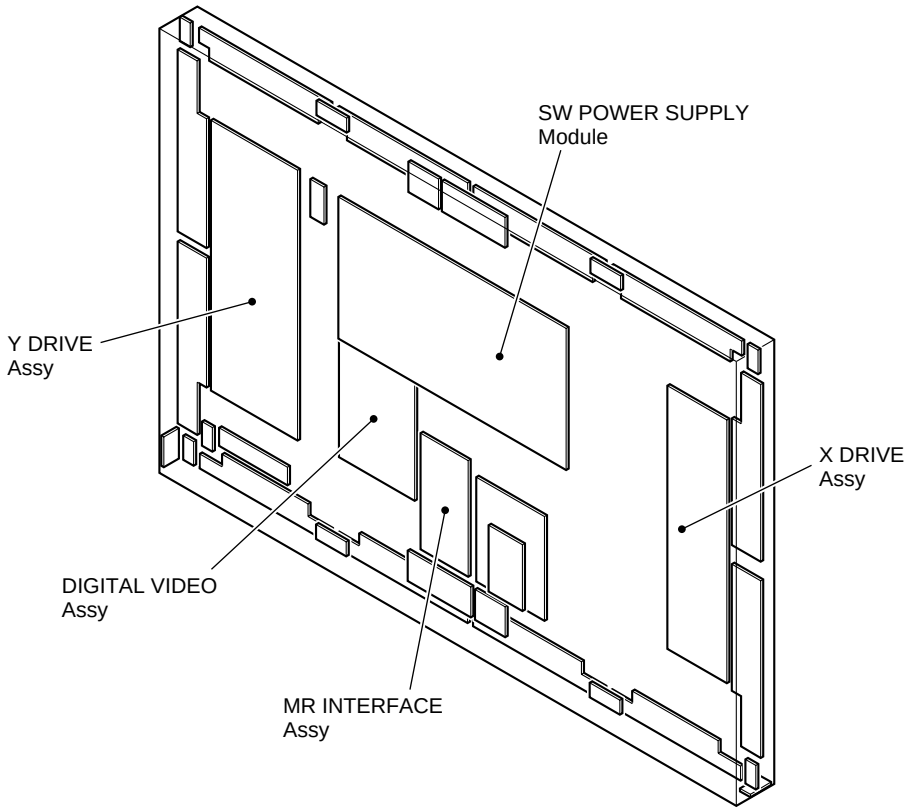


Fig. 1 PC Board Location (rear side view)

ADJUSTMENT

■ VOFS/VH/IC5V Voltage Adjustment

<table>
<tr><th>Input Signal</th><th>Adjusting Point</th><th>Adjusting Method</th></tr>
<tr><td rowspan="4">White 100%</td><td>VR2701 (VOFS)
(Y DRIVE Assy)</td><td>
VOFS (Offset voltage) adjustment
Method 1
1. Write down a adjustment value of VOFS ADJ in the factory mode.
2. Set this adjustment value to center (128).
3. Adjust VR2701 so that the voltage between K2701 (VOFS) and K2703 (SUS GND) becomes 45V.
4. Return it to the value that wrote down a adjustment value of V-OFFSET in step 1.

Method 2
1. Read the adjustment value of VOFS ADJ in the factory mode.
2. Adjust VR2701 so that the voltage between K2710 (VOFS) and K2703 (SUS GND) becomes following voltage ± 0.5V.

<table>
<tr><th>Input Command</th><th>DAC Output</th><th>Setting Voltage</th><th>Input Command</th><th>DAC Output</th><th>Setting Voltage</th></tr>
<tr><td>VOF000</td><td>0.4</td><td>25</td><td>VOF134</td><td>2.599212598</td><td>45.94488</td></tr>
<tr><td>VOF006</td><td>0.4984375</td><td>25.9375</td><td>VOF141</td><td>2.71496063</td><td>47.04724</td></tr>
<tr><td>VOF013</td><td>0.61328125</td><td>27.03125</td><td>VOF147</td><td>2.814173228</td><td>47.99213</td></tr>
<tr><td>VOF019</td><td>0.71171875</td><td>27.96875</td><td>VOF153</td><td>2.913385827</td><td>48.93701</td></tr>
<tr><td>VOF026</td><td>0.8265625</td><td>29.0625</td><td>VOF160</td><td>3.029133858</td><td>50.03937</td></tr>
<tr><td>VOF032</td><td>0.925</td><td>30</td><td>VOF166</td><td>3.128346457</td><td>50.98425</td></tr>
<tr><td>VOF038</td><td>1.0234375</td><td>30.9375</td><td>VOF172</td><td>3.227559055</td><td>51.92913</td></tr>
<tr><td>VOF045</td><td>1.13828125</td><td>32.03125</td><td>VOF179</td><td>3.343307087</td><td>53.0315</td></tr>
<tr><td>VOF051</td><td>1.23671875</td><td>32.96875</td><td>VOF185</td><td>3.442519685</td><td>53.97638</td></tr>
<tr><td>VOF058</td><td>1.3515625</td><td>34.0625</td><td>VOF191</td><td>3.541732283</td><td>54.92126</td></tr>
<tr><td>VOF064</td><td>1.45</td><td>35</td><td>VOF198</td><td>3.657480315</td><td>56.02362</td></tr>
<tr><td>VOF070</td><td>1.5484375</td><td>35.9375</td><td>VOF204</td><td>3.756692913</td><td>56.9685</td></tr>
<tr><td>VOF077</td><td>1.66328125</td><td>37.03125</td><td>VOF211</td><td>3.872440945</td><td>58.07087</td></tr>
<tr><td>VOF083</td><td>1.76171875</td><td>37.96875</td><td>VOF217</td><td>3.971653543</td><td>59.01575</td></tr>
<tr><td>VOF090</td><td>1.8765625</td><td>39.0625</td><td>VOF223</td><td>4.070866142</td><td>59.96063</td></tr>
<tr><td>VOF096</td><td>1.975</td><td>40</td><td>VOF230</td><td>4.186614173</td><td>61.06299</td></tr>
<tr><td>VOF102</td><td>2.0734375</td><td>40.9375</td><td>VOF236</td><td>4.285826772</td><td>62.00787</td></tr>
<tr><td>VOF109</td><td>2.18828125</td><td>42.03125</td><td>VOF242</td><td>4.38503937</td><td>62.95276</td></tr>
<tr><td>VOF115</td><td>2.28671875</td><td>42.96875</td><td>VOF249</td><td>4.500787402</td><td>64.05512</td></tr>
<tr><td>VOF122</td><td>2.4015625</td><td>44.0625</td><td>VOF255</td><td>4.6</td><td>65</td></tr>
<tr><td>VOF128</td><td>2.5</td><td>45</td><td></td><td></td><td></td></tr>
</table>
The symptom is case of mis-adjustment
If the VOFS Voltage adjustment is not performed properly, dots like blinking luminance points appear. If deviated greatly from the right adjustment point, panel will light white.
</td></tr>
<tr><td>VR2703 (VH)
(Y DRIVE Assy)</td><td>
VH (voltage for scan IC) Adjustment
Adjust so that the voltage between K2716 (VH) and K2720 (PSUS) becomes 103V ± 0.5V. PSUS (=GNDH) is a floating GND and the electric potential is different from that of chassis GND. Be sure not to short-circuit PSUS (=GNDH) and another GND, because that may damage the unit.

The symptom is case of mis-adjustment
If the VH adjustment is not performed properly, dots like blinking luminance points appear. If deviated greatly from the right adjustment point, panel will light white.
</td></tr>
<tr><td>VR2702 (IC5V)
(Y DRIVE Assy)</td><td>
IC5V Adjustment
Adjust so that the voltage between K2707 (IC5V) and K2720 (PSUS) becomes 5.0V ± 0.1V. PSUS (=GNDH) is a floating GND and the electric potential is different from that of chassis GND. Be sure not to short-circuit PSUS (=GNDH) and another GND, because that may damage the unit.
</td></tr>
<tr><td colspan="2">Note : Be sure to measure between specified test points.</td></tr>
</table>

■ Sustain Pulse Waveform Adjustment

Input Signal	Adjusting Point	Adjusting Method
White 100%	REF_DIG mode in Factory mode XSUSB ADJ YSUSB ADJ	**X-SUS-B, Y-SUS-B Adjustment** Set to the indicated value with the remote control unit. (Refer to "Timing adjustment of control signal of X and Y Drive Assys".)

■ VRN Voltage Adjustment

Input Signal	Adjusting Point	Adjusting Method
White 100%	VR3701 (VRN) (X DRIVE Assy)	**VRN (minus reset voltage adjustment)** Adjust so that the voltage between K3707 (VRN) and K3702 (SUS-GND) becomes -280V ± 1.0V.

■ Panel White Balance Adjustment

Input Signal	Adjusting Point	Adjusting Method
		Adjust the parameter in the OFFSET-DIGITAL of factory mode as follows; PANEL R-HIGH 〜 PANEL B-LOW In this time, dispay uses the mask (MASK04) of factory mode. Reference : Adjustment values using the Media color-difference meter (A-100)

	MASK Left Side	MASK Right Side
x	294	293
y	303	294

* When perform the various adjustment by RS-232C control, execute a "DM0" command (release the limit of pulse number) beforehand.
After the adjustment completion, execute a "DM 3" command (Limit of pulse number: 64%, shipping state) by all means.

■ Timing Adjustment of X and Y DRIVE Assys Control Signal

- **Purpose**
  - Pulse module loads in DRIVE Assy as one of heat measures of DRIVE Assy. Adjust the drive timing of the pulse module driving parallel with VR.
  - Pulse module has each peculiar delay time. Readjustment is necessary when replaced the pulse module in the X and Y DRIVE Assys.
- **Adjustment Method**

  CR delay circuit is each inserted on signal path of four control signals (SUS-U, SUS-B, SUS-D, SUS-G) driving the pulse module.
  Quantity of delay can adjust pulse module of one side with VR.
  Adjust VR while measuring a waveform of the pulse module, and match a timing.

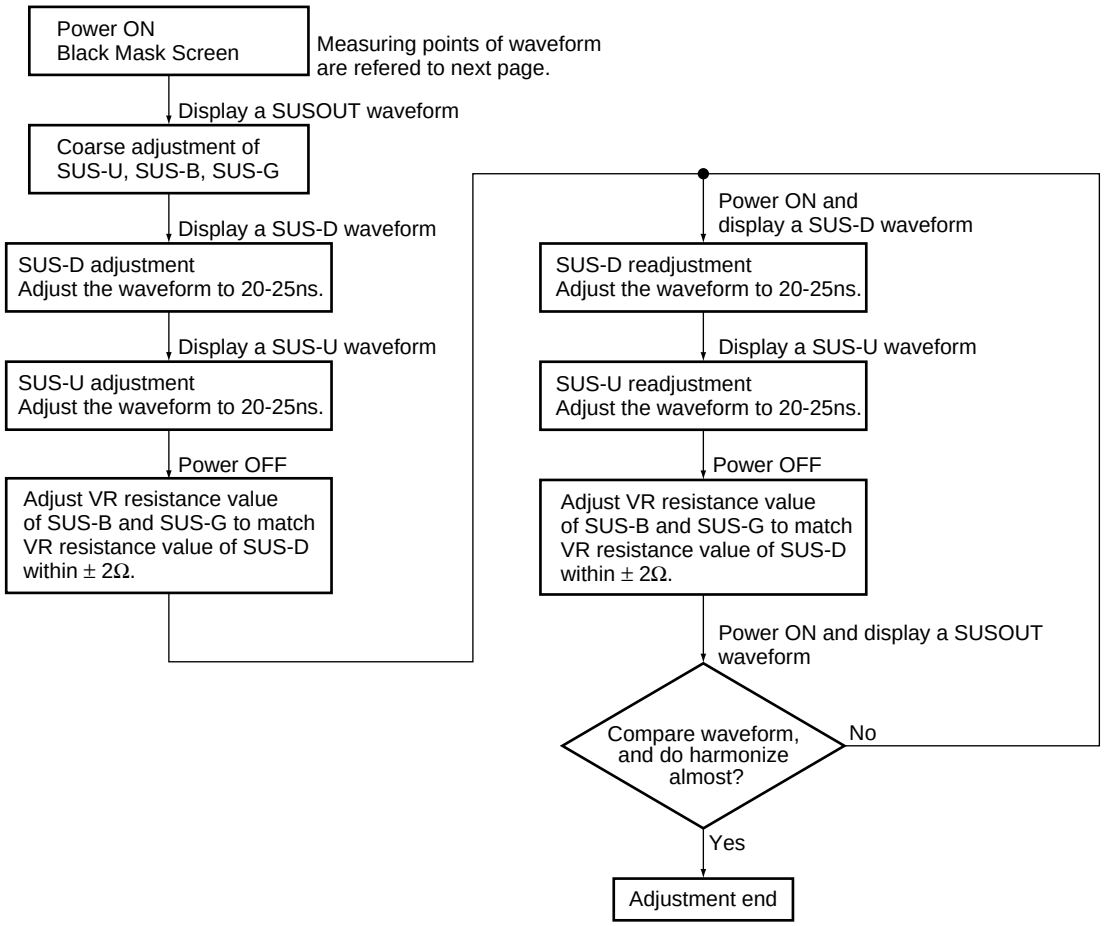
Adjustment VR

	X DRIVE	Y DRIVE
SUS-U	VR3203	VR2204
SUS-D	VR3202	VR2203
SUS-B	VR3201	VR2202
SUS-G	VR3200	VR2201

Test pin for adjustment and measurment

Pulse Module	X DRIVE		Y DRIVE	
	Upper	Lower	Upper	Lower
SUSOUT	K3105	K3106	K2212	K2203
SUS-U	K3200	K3204	K2220	K2224
SUS-D	K3108	K3205	K2207	K2225

- **Adjustment Procedure**



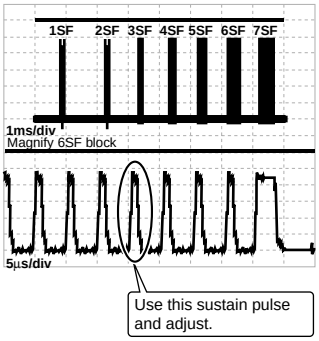
As for this adjustment, adjustment with set state is difficult.
Therefore replace it every Assy when replacing the pulse module.

■ Measuring Waveform of Pulse Module Timing Adjustment

Timing adjustment of the pulse module control signal adjusts with the sustain pulse of eighth pulse (X DRIVE) and the ninth pulse (Y DRIVE) from the back of 6SF.

● Measuring point of waveform

Y DRIVE SUSOUT waveform



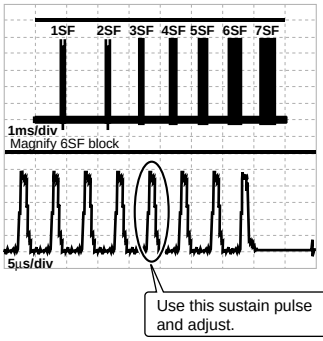
CH1 : Y SUSOUT Under (K2203), 50V/div
CH2 : Y SUSOUT Upper (K2212), 50V/div
CH4 : YPR-U1 (K2038)- Trigger, 5V/div
Trigger : 2msec delay

- Perform adjustment of waveform with a black mask screen.
- It is easy to adjust when turned field AB offset to OFF (RS-232C command: OCN) in adjustment.

Note:
- Sampling rate of oscilloscope sets it more than 500MS/s in order to perform ns order adjustment.
- Collecting calibration of probe before adjustment by all means.

- Connect GND of probe measuring waveform to SUSGND terminal by all means.
- Precise waveform is not displayed, and an adjustment gap may occur that does not collect GND properly.

X DRIVE SUSOUT waveform

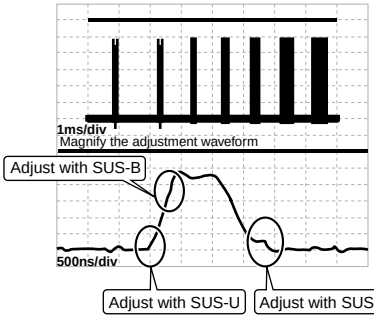


CH1 : X SUSOUT Under (K3106), 50V/div
CH2 : X SUSOUT Upper (K3105), 50V/div
CH4 : YPR-U1 (K2038)- Trigger, 5V/div
Trigger : 2msec delay

When took waveform be each drive Assy unit, measure it at the fourth sustain pulse from the back except for a large width sustain pulse.
Therefore, when measured both waveform of the X and Y drives together, it becomes the sustain pulse of 8 and 9 pulses from the back.

● Waveform coarse adjustment

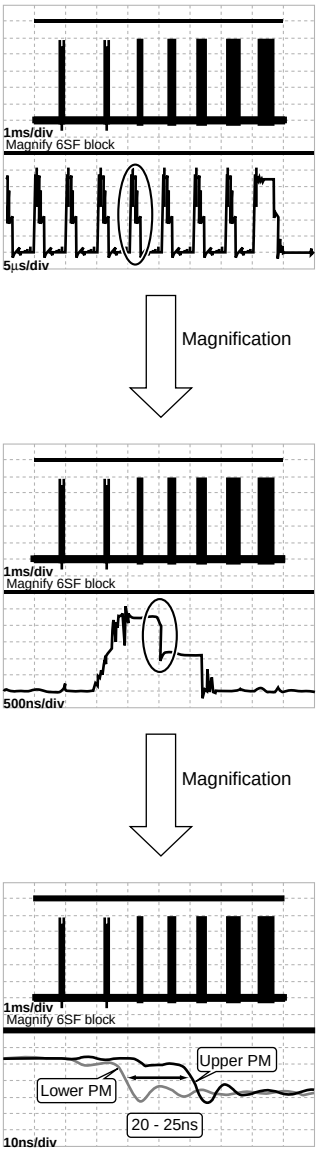
Measure the SUSOUT waveform



CH1 : Y SUSOUT Under (K2203), 50V/div
CH2 : Y SUSOUT Upper (K2212), 50V/div
CH4 : YPR-U1 (K2038)- Trigger, 5V/div
Trigger : 2msec delay

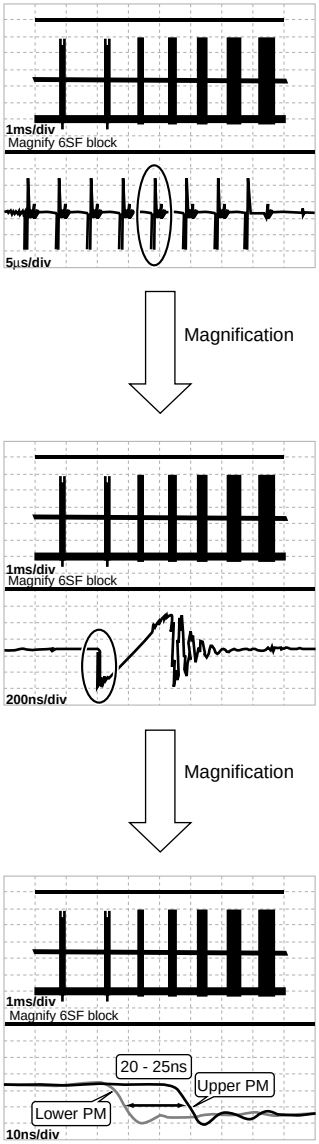
When there is a gap with waveform of CH1 / CH2 of the part which enclosed in the following circle, adjust required VR to overlap the waveform.

● SUS-D Adjustment (Y DRIVE)



CH1 : Y SUS-D Under (K2225), 50V/div
CH2 : Y SUS-D Upper (K2207), 50V/div
CH4 : YPR-U1 (K2038)- Trigger, 5V/div
Trigger : 2msec delay

● SUS-U Adjustment (Y DRIVE)

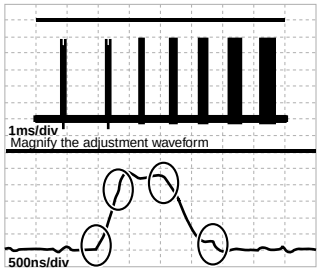


CH1 : Y SUS-U Under (K2224), 50V/div
CH2 : Y SUS-U Upper (K2220), 50V/div
CH4 : YPR-U1 (K2038)- Trigger, 5V/div
Trigger : 2msec delay

Caution:
Not absolutely mistaking upper and lower of waveform.

● Waveform Confirmation in Adjustment completion

Measure the SUSOUT waveform



CH1 : Y SUSOUT Under (K2203), 50V/div
CH2 : Y SUSOUT Upper (K2212), 50V/div
CH4 : YPR-U1 (K2038)- Trigger, 5V/div
Trigger : 2msec delay

Confirm it to waveform of CH1 / CH2 of the part which enclosed in the following circle whether there is not a large gap.
(A gap of the quantity that shifts 20nS and adjusted remains.)

When adjust in the power supply ON state, change so that the quantity of gap that adjusted by temperature-rise of the pulse module becomes small.
Therefore, perform high power OFF (RS-232C command: DRF) except measurement time of waveform when adjusts, and adjustment error by temperature-rise does not occur.

■ SUS-B Ground Timing Adjustment

It is necessary to readjust this adjustment when replaced the X or Y DRIVE Assy and the pulse module.

- **Measurement point and method**

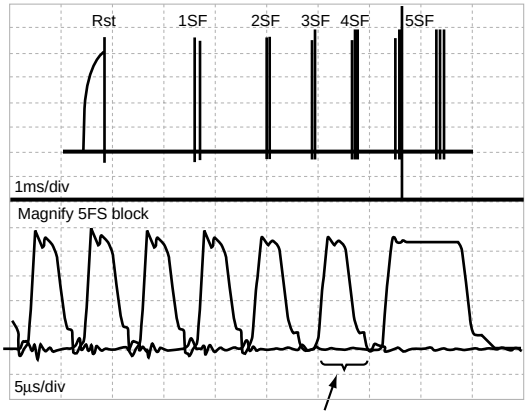
Measurement point of waveform of X and Y DRIVE Assy in timing adjustment is test pin of SUSOUT of the pulse module of bottom of the main unit.
X DRIVE Assy : K3106 Y DRIVE Assy : K2203
Measurement screen : Black mask (PC 60Hz)

The measurement is easy to perform when turns field AB alternation to OFF. (RS-232C command: OCN)

Measure a sustain pulse of the fifth pulse (X DRIVE) and the fifth pulse (Y DRIVE) from the back of the fourth FS, and adjust. In the start section of this sustain pulse, waveform has inflection point with the timing when SUS-B becomes ON. Adjust so that the voltage of this inflection point is the nearest to 180V and do not become less than 180V.
Adjustment parameter
X DRIVE: XSUSB (RS-232C command : XSB)
Y DRIVE: YSUSB (RS-232C command : YSB)

Note:
• Connect GND of probe measuring waveform to SUSGND terminal by all means.
• Precise waveform is not displayed, and an adjustment gap may occur that does not collect GND properly.

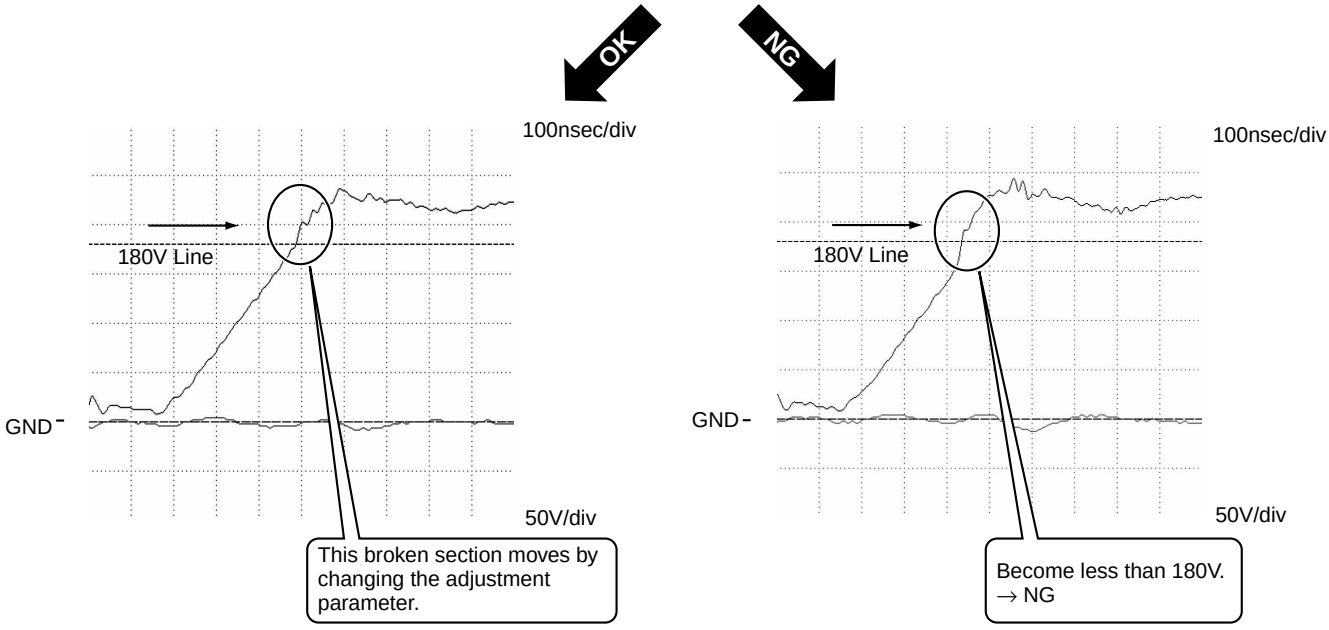
- **Waveform in the measurement**



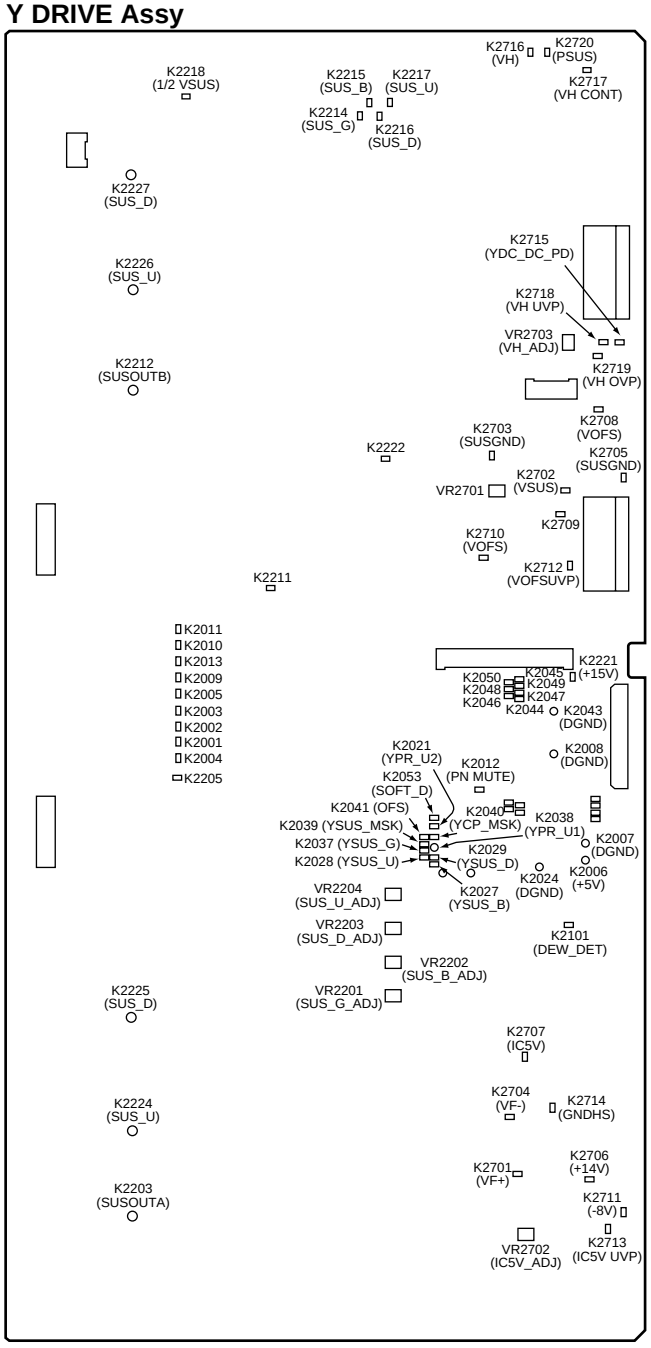
CH1 : Y SUSOUT (K2203), 50V/div
CH2 : X SUSOUT (K3106), 50V/div
CH4 : YPR-U1 (K2038)- Trigger, 5V/div
Trigger : 2msec delay

Measure a waveform of this section and adjust.

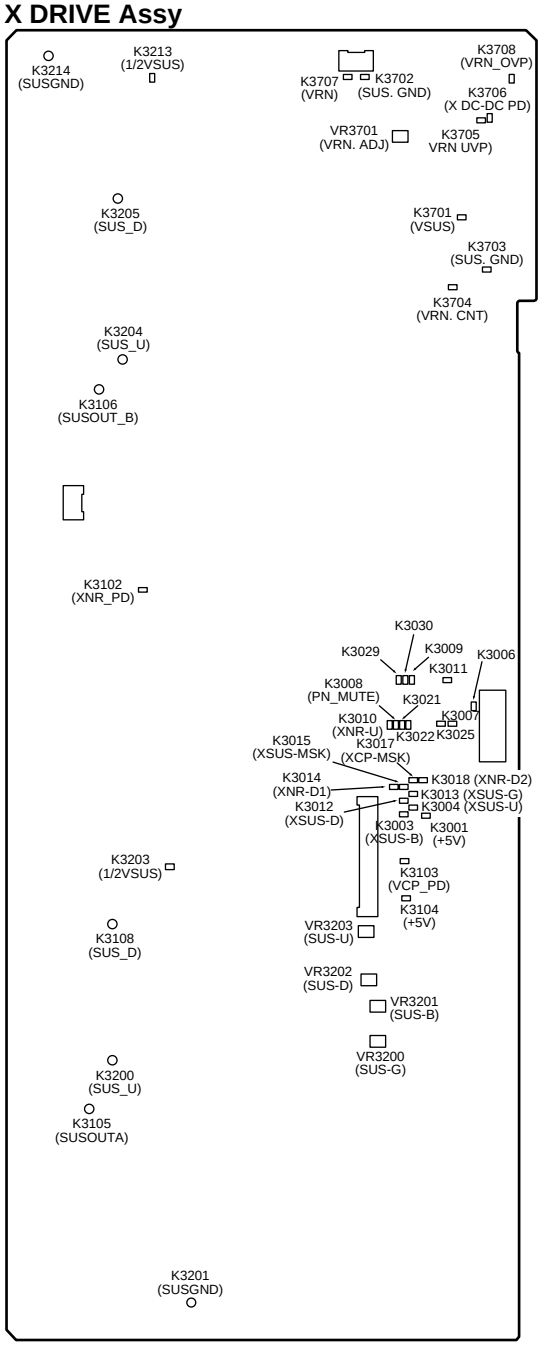
Magnify the fourth pulse sustain pulse (XSUSOUT waveform) from the back of the above waveform.



Y DRIVE Assy



X DRIVE Assy



Adjusting Points

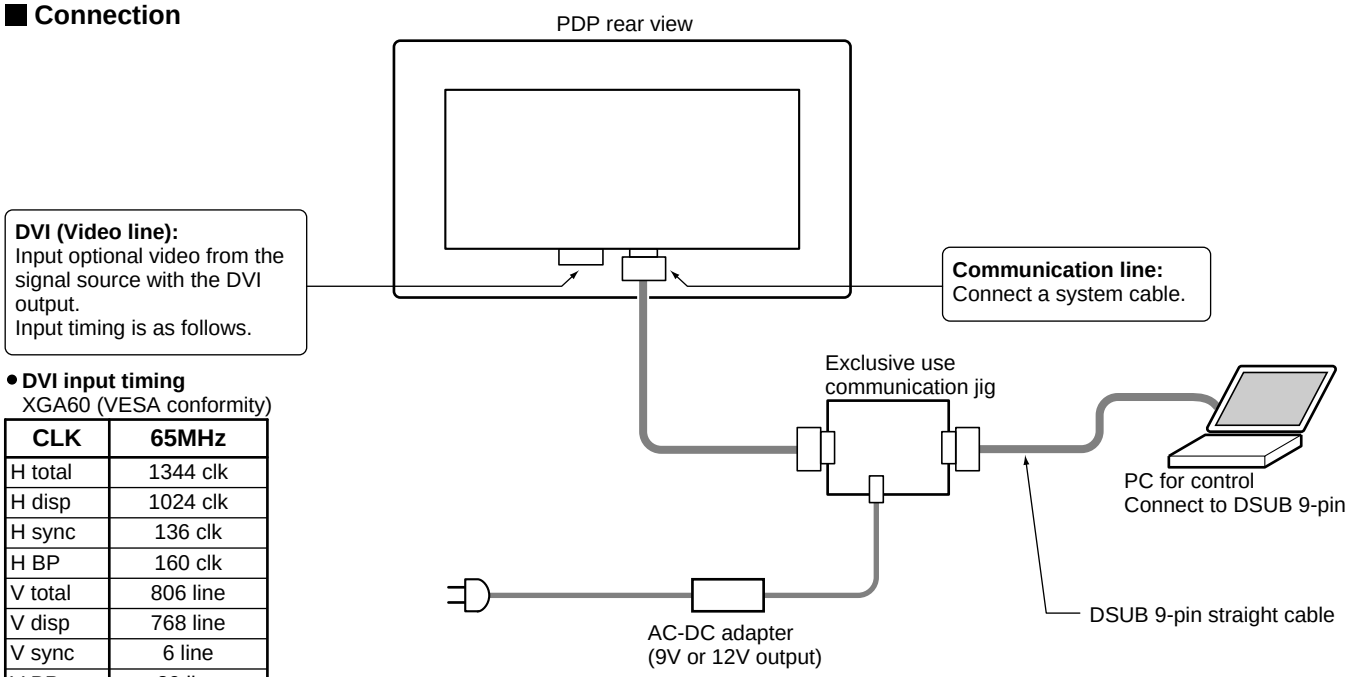
■ COMMAND

RS-232C Command

As for PZ-43HV2 system, the 232C control of the panel control item is possible by a single state.
However, the following exclusive use communication jig is necessary.

* Be careful so that can not use a DSUB 9-pin in the rear panel of the AVC System.

■ Connection



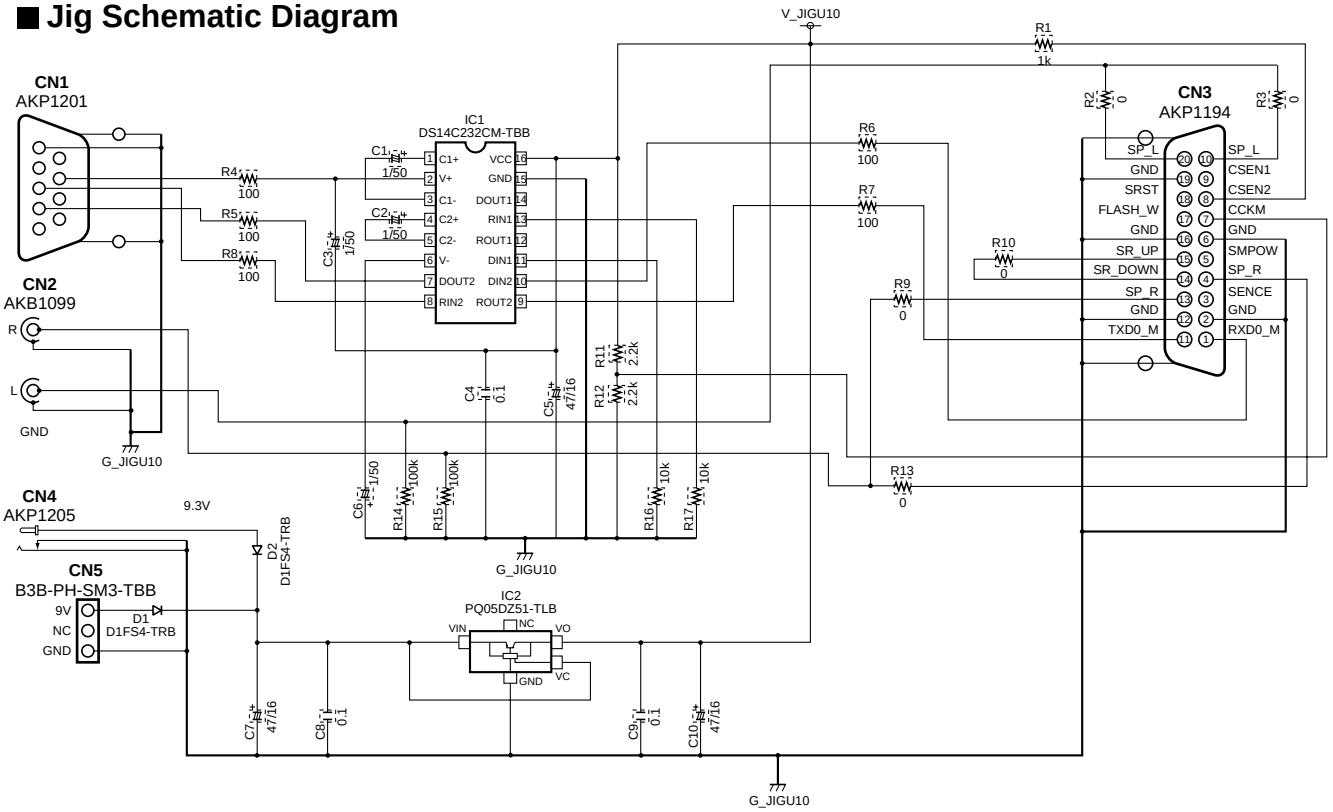
• **DVI input timing**
XGA60 (VESA conformity)

CLK	65MHz
H total	1344 clk
H disp	1024 clk
H sync	136 clk
H BP	160 clk
V total	806 line
V disp	768 line
V sync	6 line
V BP	29 line
fH	48.363 kHz
fV	60.004 Hz

■ Communication baudrate

38400 bps is fixed.

■ Jig Schematic Diagram



■ RS-232C Command

Command	Name	Function	Direct Validity	UP/DOWN Validity	Lower Limit	Upper Limit
AB0	ABL REFERENCE MODE	Set the ABL to reference value				
AB1	ABL OFFSET MODE 1	Set the ABL to offset value 1				
AB2	ABL OFFSET MODE 2	Set the ABL to offset value 2				
AB3	ABL OFFSET MODE 3	Set the ABL to offset value 3				
ABL	ABL ADJUST	Adjustment of electric power upper limit	O	O	000	255
AMN	AUDIO MUTE OFF	Mute off request of speaker volume				
AMY	AUDIO MUTE ON	Mute request of speaker volume				
DRF	DRIVE OFF	Drive OFF				
DRN	DRIVE ON	Drive ON				
DW0	DOWN 0	Down the adjustment value with 10				
DWF	DOWN FULL	Minimize the adjustment value				
DWn	DOWN n	Down the adjustment value with n				
EWN	EEPROM WRITE NO	Complete the plug & play EEPROM writing mode				
EWY	EEPROM WRITE YES	Start the plug & play EEPROM writing mode				
F50	FREE RUN 50VIDEO	Display the mask screen with 50Hz (video) sequence				
F60	FREE RUN 60VIDEO	Display the mask screen with 60Hz (video) sequence				
F61	FREE RUN 60PC	Display the mask screen with 60Hz (PC) sequence				
F70	FREE RUN 70PC	Display the mask screen with 70Hz (PC) sequence				
GAJ	GET ADJUST	Acquire the various adjustment value of the display				
GPW	GET PANEL W/B	Acquire the W/B adjustment value of the panel				
GS1	GET STATUS 1	Acquire the version information				
HMS	HOUR METER SET	Set hour meter to optional time				
M00	MASK 00	Mask mode OFF				
M01	MASK 01	Pattern 1 (Lamp)				
M02	MASK 02	Pattern 2 (Color bar)				
M03	MASK 03	Pattern 3 (Slanting line)				
M04	MASK 04	Pattern 4 (W/B measurement)				
M05	MASK 05	Pattern 5 (W/B adjustment)				
M06	MASK 06	Pattern 6 (W/B peak measurement)				
M07	MASK 07	Pattern 7 (Peak measurement)				
M08	MASK 08	Pattern 8 (Reservation)				
M09	MASK 09	Pattern 9 (SCAN IC protection test)				
M10	MASK 10	Pattern 10 (SCAN IC protection test)				
M11	MASK 11	Pattern 11 (reservation)				
M12	MASK 12	Pattern 12 (reservation)				
M13	MASK 13	Pattern 13 (reservation)				
M14	MASK 14	Pattern 14 (reservation)				
M51	MASK 51	Full mask (white)				
M52	MASK 52	Full mask (cyan 274)				
M53	MASK 53	Full mask (magenta 1023)				
M54	MASK 54	Full mask (flesh color)				
M55	MASK 55	Full mask (cyan 1023)				
M56	MASK 56	Full mask (light purple)				
M57	MASK 57	Full mask (sky blue)				
M58	MASK 58	Full mask (red)				
M59	MASK 59	Full mask (green)				
M60	MASK 60	Full mask (blue)				
M61	MASK 61	Full mask (black)				
M62	MASK 62	Full mask (red 779)				
M63	MASK 63	Full mask (cyan 218)				
M64	MASK 64	Full mask (cyan 444)				
M65	MASK 65	Full mask (flesh color 43)				
M66	MASK 66	Full mask (red 620)				
M67	MASK 67	Full mask (magenta 98)				
M68	MASK 68	Full mask (sky blue 1_43)				
M69	MASK 69	Full mask (sky blue 2_43)				
M70	MASK 70	Full mask (light purple 43)				

Command	Name	Function	Direct Validity	UP/DOWN Validity	Lower Limit	Upper Limit
M71	MASK 71	Full mask (yellow)				
M72	MASK 72	Full mask (blue 916)				
M73	MASK 73	Full mask (reservation)				
M74	MASK 74	Full mask (reservation)				
MMN	MIRROR MODE NO	Mirror mode OFF (normal display)				
MMX	MIRROR MODE X	Right and left reversing display				
MMY	MIRROR MODE Y	Top and bottom reversing display				
MMZ	MIRROR MODE XY	Top and bottom right and left reversing display				
MTN	PANEL MUTE NO	Release panel mute				
MTY	PANEL MUTE YES	Panel mute				
NMN	NEGATIVE MODE NO	Negative positive inversion mode OFF				
NMY	NEGATIVE MODE YES	Negative positive inversion mode ON				
PBH	PANEL BLUE HIGH	BLUE HIGH LIGHT adjustment	O	O	000	255
PBL	PANEL BLUE LOW	BLUE LOW LIGHT adjustment	O	O	000	999
PGH	PANEL GREEN HIGH	GREEN HIGH LIGHT adjustment	O	O	000	255
PGL	PANEL GREEN LOW	GREEN LOW LIGHT adjustment	O	O	000	999
PHN	PANEL HIGHT-LIGHT NO	Release the W/B highlight maximum mode of the panel				
PHY	PANEL HIGHT-LIGHT YES	Set the W/B highlight of the panel to maximum				
PLN	BRIGHT ENHANCE NO	Center brightness correction enhance OFF				
PLY	BRIGHT ENHANCE YES	Center brightness correction enhance ON				
PMS	PULSE METER SET	Optional setting of the pulse meter				
POF	POWER OFF	Standby request				
PON	POWER ON	Power ON request				
PRH	PANEL RED HIGH	RED HIGH LIGHT adjustment	O	O	000	255
PRL	PANEL RED LOW	RED LOW LIGHT adjustment	O	O	000	999
PCN	PC MODE NO	At the 60Hz input: VIDEO sequence selection				
PCY	PC MODE YES	At the 60Hz input: PC sequence selection				
PT0	PANEL COLOR TEMP 0	Set each temperature mode to 0 (REF)				
PT1	PANEL COLOR TEMP 1	Set each temperature mode to 1 (OFS1)				
PT2	PANEL COLOR TEMP 2	Set each temperature mode to 2 (OFS2)				
UP0	UP 0	Maximize the adjustment value				
UPF	UP FULL	Maximize the adjustment value				
UPn	UP n	Rise the adjustment value with n				
VOF	VOFFSET ADJUST	Vofs adjustment	O	O	000	255
VOL	VOLUME	Volume	O	O	000	060
VSU	VSUS ADJUST	Vsus adjustment	O	O	000	255
XSB	XSUS B	X-SUS-B pulse adjustment	O	O	000	015
XSG	XSUS G	X-SUS-G pulse adjustment	O	O	000	015
YSB	YSUS B	Y-SUS-B pulse adjustment	O	O	000	015
YSG	YSUS G	Y-SUS-G pulse adjustment	O	O	000	015

■ GET Command

● Command Description

Command	Function
GAJ	Output data of an electronic VR adjustment value and a drive system adjustment value
GPW	Output data to be related to white balance adjustment of the panel
GS1	Output data such as version information, hour meter and pulse meter

GAJ: Output data of an electron VR adjustment value and a drive system adjustment value

• Output it according to transmission order and size of the table below.

Order	Data Contents		Size	Remarks
1	Setting mode of electric power upper limit value		3 byte	AB* (*: 0 to 3)
2	Electric power upper limit value (ABL)	(Reference data)	3 byte	
3		(Offset data)	3 byte	(Note 1)
4	Vsus adjustment value	(Reference data)	3 byte	
5	Vofs adjustment value	(Reference data)	3 byte	
6	V-SUS-B adjustment value	(Reference data)	3 byte	
7	V-SUS-G adjustment value	(Reference data)	3 byte	
8	Y-SUS-B adjustment value	(Reference data)	3 byte	
9	Y-SUS-G adjustment value	(Reference data)	3 byte	

(Note 1) : When performed in reference mode selection, offset data outputs the same value as the reference data.
(Note 2) : Checksum of 2 bytes is added at the end, but ignore it.

GPW (Get Panel White balance): Output data to be related to white balance adjustment of panel

• Output it according to transmission order and size of the table below.

Order	Data Contents		Size	Remarks
1	Panel color temperature mode		3 byte	PT* (*: 0 to 3)
2	Gain of W/B adjustment value Red	(Reference data)	3 byte	
3		(Offset data)	3 byte	(Note 1)
4	Gain of W/B adjustment value Green	(Reference data)	3 byte	
5		(Offset data)	3 byte	(Note 1)
6	Gain of W/B adjustment value Blue	(Reference data)	3 byte	
7		(Offset data)	3 byte	(Note 1)
8	Offset of W/B adjustment value Red	(Reference data)	3 byte	
9		(Offset data)	3 byte	(Note 1)
10	Offset of W/B adjustment value Green	(Reference data)	3 byte	
11		(Offset data)	3 byte	(Note 1)
12	Offset of W/B adjustment value Blue	(Reference data)	3 byte	
13		(Offset data)	3 byte	(Note 1)

(Note 1) : When performed in reference mode selection, offset data outputs the same value as the reference data.
(Note 2) : Checksum of 2 bytes is added at the end, but ignore it.

GS1: Output data such as version information, hour meter and pulse meter

• Output it according to transmission order and size of the table below.

Order	Data Contents	Size	Remarks
1	Display information	3 byte	See below
2	Module microcomputer model number	4 byte	5691 or F691
3	Module microcomputer version	3 byte	
4	Panel microcomputer version	3 byte	
5	Panel /FLASH ROM version	3 byte	
6	Hour meter (hour)	5 byte	Unit: H (time)
7	Pulse meter	7 byte	Unit: 0.01G (10,000,000)
8	Main microcomputer model number	4 byte	5692 or F692
9	Main microcomputer version	3 byte	
10	Wide microcomputer version	3 byte	
11	Wide /FLASH ROM version	3 byte	

(Note) : Checksum of 2 bytes is added at the end, but ignore it.

■ Display Information

Data	Model
MX5	PDP-503MX (initial value)
MX4	PDP-433MX
MD5	Module 50 inches
MD4	Module 43 inches
HD5	PDP-503HD
HD4	PDP-433HD

TROUBLE DIAGNOSIS

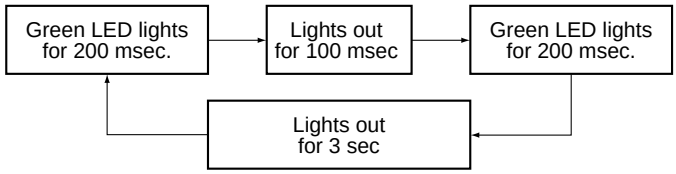
SHUT DOWN/POWER DOWN DIAGNOSIS BY LED DISPLAY

When internal circuit abnormality and other operation abnormality occurred from this unit, self-diagnose display function by STANDBY/ON (LED) indicator is loaded.
Each NG point by LED blinking and a PD (power down) point are as follows.

● Shut Down

• Operations : When a microcomputer detected abnormality, turn the power supply to OFF.
• LED display : Green blinks

Examples: LED blinks in the DIGITAL-IIC communication NG



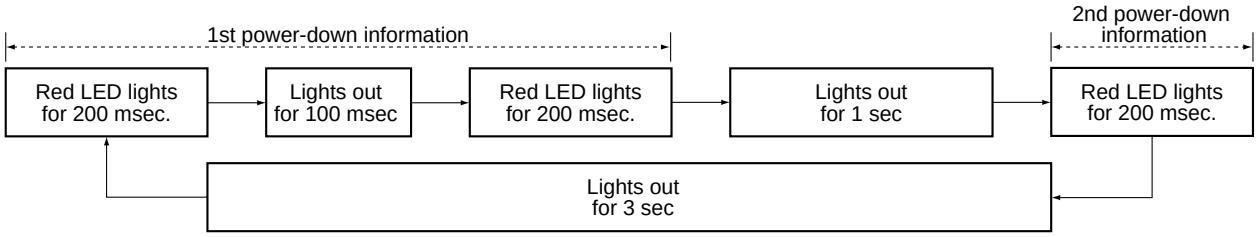
Number of blinks	Name
1	Panel Microcomputer NG
2	DIGITAL-IIC communication NG
3	Dewdrop abnormality
4	Temperature abnormality

How to release the shut down state
When turn the power supply ON by remote control units, release from the shut down state, and turn the power supply ON.
(It is not necessary to turn the AC power OFF.)

● Power Down

• Operations : When this unit becomes the dangerous state, turn the power supply OFF with the protection circuit.
• LED display : Red blinks
* When protection circuit more than two places almost worked simultaneously, display LED in order to 1st - 2nd.

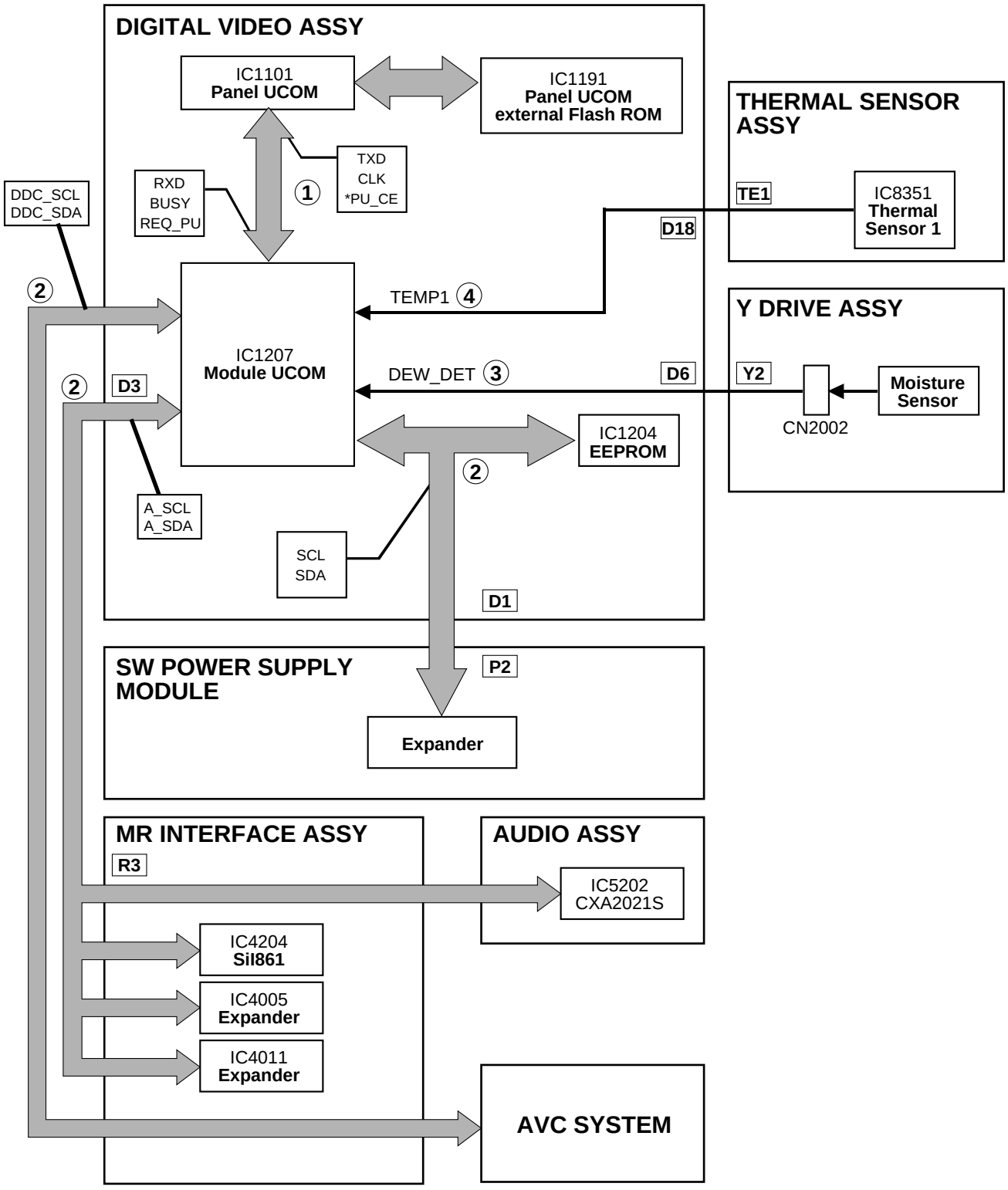
Examples: LED blinks in the 1st power down = Y-DC/DC CONVERTER, 2nd power down = Y-DRIVE



Number of blinks	Name
1	Y-DRIVE
2	Y-DC/DC CONVERTER
3	X-DC/DC CONVERTER
4	X-DRIVE
5	Power supply
6	Address junction
7	Address resonance
8	DIGITAL-DC/DC CONVERTER

How to release the power down state
AC power OFF
↓
Wait for PD LED in the power supply module disappearing (for around 30 seconds).
↓
Afterwards, wait moreover for five seconds.
↓
Return by AC power ON.
* After power down release, this unit rises up in the standby state.

● **Block Diagram of Shut Down Signal System**



Note: ① - ④ show LED flashing number of times when shut down occurred in this route.

● Shut down diagnosis

①Panel microcomputer NG

When a module microcomputer failed in communication with a panel microcomputer, this NG occurs.
Shut down after OSD display for 30 seconds from the NG detection.

Abnormality to expect
Open / Short of communication line in the Assy

E06

②DIGITAL-IIC communication NG

When a module microcomputer failed in communication with outside EEPROM or EXPANDER, this NG occurs.
Shut down after OSD display for 30 seconds from the NG detection.
* However, this communication NG may occur in the standby state.

E06

Abnormality to expect
- Open / Short of communication line in the DIGITAL VIDEO, MR INTERFACE and AUDIO Assys
- Breaking of wire of the following points is thought about.
  DIGITAL VIDEO Assy (D1) ↔ SW POWER SUPPLY Module (P2)
  DIGITAL VIDEO Assy (D3) ↔ MR INTERFACE Assy (R3)
  MR INTERFACE Assy (R23) ↔ AUDIO Assy (A24)
  System Cable

③Dew drop detection

When it becomes the dew drop state in this unit, this NG occurs.
After the dew drop detection, shut down immediately.

Abnormality to expect for dew drop
Disconnect a connector CN2002 between Dew drop sensor and Y DRIVE Assy.

④Temperature abnormality

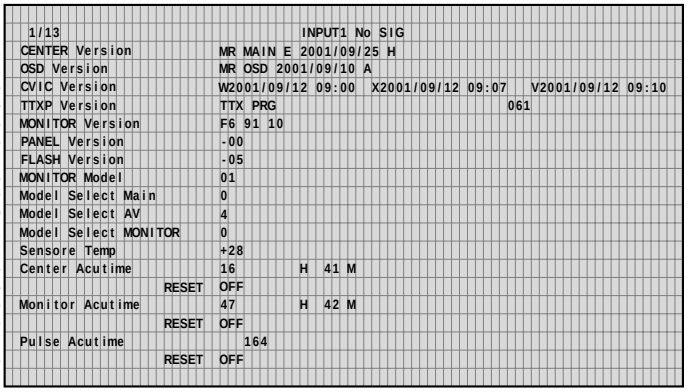
When temperature of this unit became abnormally high, this NG occurs.
Shut down after OSD display from the NG detection for 30 seconds.
Note: When temperature fell down during indication, return to the normal operation.

E04

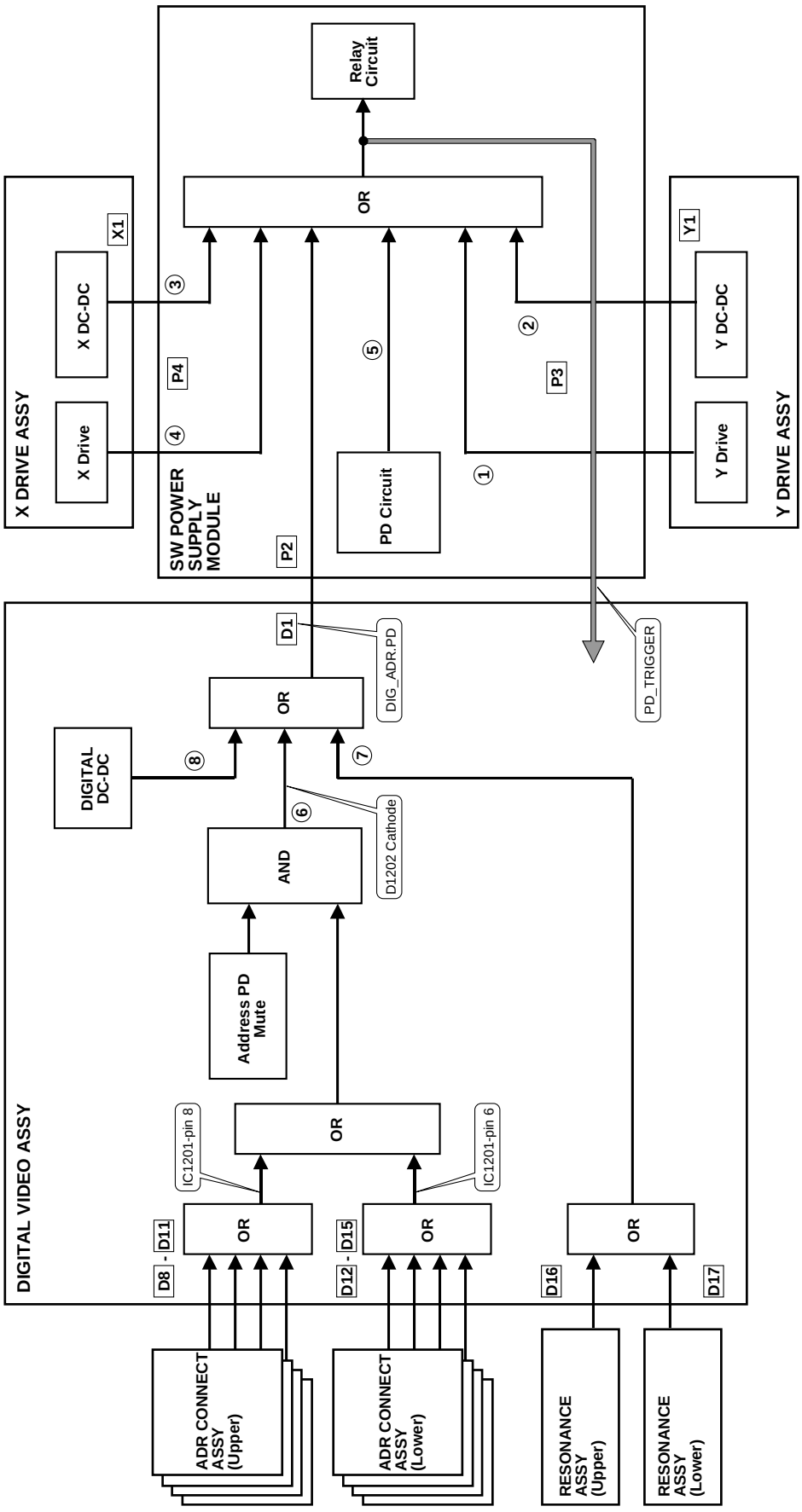
Abnormality to expect when it occurs in the environment that is not high-temperature
- Disconnect a connector between DIGITAL VIDEO Assy (D18) and temperature sensor 1 (TE1).

Reference

Shut down temperature of each temperature sensor
Sensor Temp ≧ 78



● Block Diagram of Power Down Signal System



Note: ① - ⑧ show LED flashing number of times when power down occurred in this route.

● **Kind and function of the various protection circuit (P.D. circuit)**

Assy Name	Red LED Number of Blinks	Kind of P.D. Circuit	Function	Remarks
Y DRIVE Assy	1	VCP OCP	P.D. by VCP overcurrent	
	2	VOFS OVP	P.D. by VOFS overvoltage	
		VOFS UVP	P.D. by VOFS undervoltage (= overcurrent)	
		VH OVP	P.D. by VH overvoltage	
		VH UVP	P.D. by VH undervoltage (= overcurrent)	
		IC5V UVP	P.D. by IC5V undervoltage (= overcurrent)	
X DRIVE Assy	3	VRN OVP	P.D. by VRN overvoltage	
		VRN UVP	P.D. by VRN undervoltage (= overcurrent)	
	4	VCP OCP	P.D. by VCP overcurrent	
		RESET OCP	P.D. by reset circuit overcurrent	
SW POWER SUPPLY Module	5	VSUS OVP	P.D. by VSUS overvoltage	
		VSUS UVP	P.D. by VSUS undervoltage (= overcurrent)	
		VADR OVP	P.D. by VADR overvoltage	
		VADR UVP	P.D. by VADR undervoltage (= overcurrent)	
		15V OVP	P.D. by 15V overvoltage	
		15V UVP	P.D. by 15V undervoltage (= overcurrent)	
		12V UVP	P.D. by 12V undervoltage (= overcurrent)	
		6.5V OVP	P.D. by 6.5V overvoltage	
		6.5V UVP	P.D. by 6.5V undervoltage (= overcurrent)	
		13.5V UVP	P.D. by 13.5V undervoltage (= overcurrent)	
		-9V UVP	P.D. by -9V undervoltage (= overcurrent)	
		+B OVP	P.D. by +B overvoltage	
		+B OCP	P.D. by +B overcurrent	
		AC200V P.D.	P.D. by AC200V apply	Note 1
			PFC module overheat protection	
			VSUS arc resistance overheat protection	
ADR CONNECT Assy	6	ADR.PD	P.D. by disconnecting the connector	
RESONANCE Assy	7	ADR.K.PD	P.D. by ICP open and TCP defective	
DIGITAL VIDEO Assy	8	5.0V OVP	P.D. by 5V overvoltage	
		5.0V UVP	P.D. by 5V undervoltage (= overcurrent)	
		3.3V OVP	P.D. by 3.3V overvoltage	
		3.3V UVP	P.D. by 3.3V undervoltage (= overcurrent)	
		2.5V OVP	P.D. by 2.5V overvoltage	
		2.5V UVP	P.D. by 2.5V undervoltage (= overcurrent)	

Reference
OVP : **O**ver **V**oltage **P**rotect
UVP : **U**nder **V**oltage **P**rotect
OCP : **O**ver **C**urrent **P**rotect

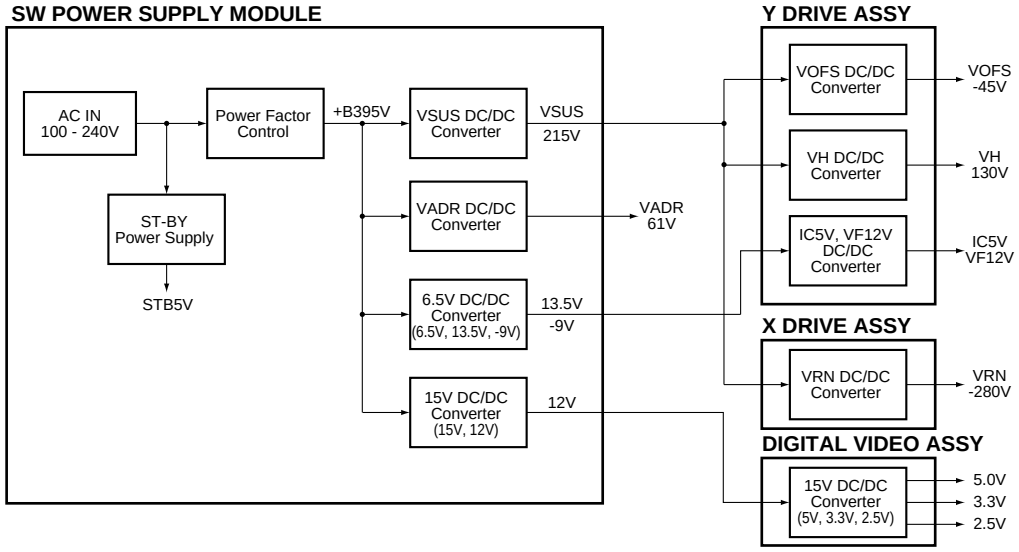
Note 1: AC200V P.D. is not applicable to the PZ-43HV2E and PZ-43HV2U models.

● Diagnosis of the error point in the various protection circuit (P.D. circuit) operation (Red LED blinks)

Number of Blinks	P.D. Point in Operation	Error Pont	Possible Part of Error	Circuit State	Operation P.D. Circuit	Diagnosis Condition
1	Y DRIVE	Y DRIVE Assy	IC2206, IC2214 (Pulse module), IC2203, IC2204, IC2212, IC2213, IC2213, IC2217, R2209	K2211 Lo	VCP OCP	
2	Y DC DC	VOFS D/D CONV. BLOCK (Y DRIVE Assy)	IC2702, IC2709, IC2715	K2712 Lo	VOFS OVP	
		VOFS D/D CONV. BLOCK (Y DRIVE Assy)	IC2701, IC2702, IC2709, IC2715	K2709 Lo	VOFS UVP	Drive section (control signal, output elements etc.) in normal operation
			Q2211, Q2212, R2277, IC2208, IC2210			VOFS D/D CONV. BLOCK in normal operation
		VH D/D CONV. BLOCK (Y DRIVE Assy)	IC2712, IC2716	K2719 Lo	VH OVP	
		VH D/D CONV. BLOCK (Y DRIVE Assy)	IC2711, IC2712, IC2716	K2718 Lo	VH UVP	Drive section (control signal, output elements etc.) in normal operation
		SCAN (A), (B) Assy	SCAN IC			VH D/D CONV. BLOCK in normal operation
		IC5V D/D CONV. BLOCK (Y DRIVE Assy)	IC2704, IC2706, IC2717			SCAN Assy in normal operation
		SCAN (A), (B) Assy	SCAN IC	K2713 Lo	IC5V UVP	IC5V D/D CONV. BLOCK in normal operation
		IC5V D/D CONV. BLOCK (Y DRIVE Assy)	IC2704, IC2706, IC2717			SCAN Assy in normal operation
3	X DC DC	VRN D/D CONV. BLOCK (X DRIVE Assy)	IC3702, IC3712	K3708 Lo	VRN OVP	
		VRN D/D CONV. BLOCK (X DRIVE Assy)	IC3701, IC3702, IC3712	K3705 Lo	VRN UVP	Drive section (control signal, output elements etc.) in normal operation
		X DRIVE Assy	Q3122			VRN D/D CONV. BLOCK in normal operation
4	X DRIVE	X DRIVE Assy	IC3200, IC3201 (pulse module), IC3103, IC3104, IC3106, IC3107, IC3110, IC3113, R3109	K3103 Lo	VCP OCP	
			Q3122	K3102 Lo	VRN OCP	
5	PS	X DRIVE Assy	IC3200, IC3201 (Pulse module)			When P4 connector disconnected, P.D. does not occur
		Y DRIVE Assy	IC2206, IC2214 (Pulse module)			When P3 connector disconnected, P.D. does not occur
		MX AUDIO Assy	IC8601 (Audio IC)			When P6 connector disconnected, P.D. does not occur
		ADDRESS CONNECT A - D Assy, RESONANCE Assy, D/D CONV. BLOCK (DIGITAL VIDEO Assy)				When pin 5 of P2 connector disconnected, P.D. does not occur
		SW POWER SUPPLY Module	SW POWER SUPPLY Module			When the voltage is not output even if P4, P3 and P6 connectors disconnected
6	ADR	ADDRESS CONNECT A~D Assy	Disconnect D8 - D15 connectors		ADR. PD	
7	ADR K	RESONANCE Assy	TCP damage of IC6704 (ICP), disconnect D16 and D17 connectors, panel microcomputer is defective, outside Flash ROM of the panel microcomputer is defective.		ADR. K. PD	
8	DIGITAL DC DC	D/D CONV. BLOCK (DIGITAL VIDEO Assy)	IC1901	K1901 Lo	5.0V OVP	
				K1902 Lo	5.0V UVP	
		D/D CONV. BLOCK (DIGITAL VIDEO Assy)	IC1901	K1903 Lo	3.3V OVP	
				K1904 Lo	3.3V UVP	
		D/D CONV. BLOCK (DIGITAL VIDEO Assy)	IC1901	K1905 Lo	2.5V OVP	
				K1906 Lo	2.5V UVP	

Note: About PS PD
The condition that Red LED blinks five times (power supply PD)
1 When the internal protection circuit of SW POWER SUPPLY Module worked
2 When a microcomputer was not able to identify the PD point
↓
Being careful because the protection circuit of SW POWER SUPPLY Module cannot conclude that worked.

● Block diagram for Power supply section



● Supplementary information

1. Power on/off switch for the large-signal system (SW102)

Function: Only the power for the small-signal system (15V, 12V, 6.5V, 13.5V, and -9V) is on, and the power for the large-signal system (VSUS, VADR) is off.

Usage: Use when only an operational check for the small-signal system is required.

Supplementary information:

When this switch is to be used, the wires of pin 5 (DIG, ADR, and PD) of the P2 connector of the power-supply module should be disconnected to prevent the PD circuit from operating. To turn the power of the large-signal system off without using this switch, operation from an external PC through RS-232C commands "DRF" is basically required. In this case, the above procedure is not required, as the PD circuit is muted by software.

Method of power supply ON in the large signal system OFF state with RS-232C command

① Confirm that this unit is the standby state.
② Transmit RS-232C command "DRF."
③ Turn the power supply ON by remote control unit, side key or command "PON."

∗ When turn the power supply OFF once, return to setting of large signal system ON.
When turn the power supply ON in the large signal system OFF, transmit "DRF" command each time.

2. 200V AC power-down switch (SW101)

Function: While 200V AC voltage is applied, operation of the PD circuit is turned on and off (ON when the switch is set to 100V AC, and OFF when the switch is set to 200V AC).

Setting: For the PU model only, the switch is set to 100V, and for other models, it is set to 200V.

3. Temperature compensation of the VSUS voltage for the drive system

Function: Control the power supply voltage mentioned above according to temperature. (Temperature compensation works so that the voltage is lowered on the lower-temperature side, and is raised on the higher-temperature side.)

Purpose: To improve the yield by compensating the temperature characteristics of the panel.

Supplementary information:

For this model, temperature compensation is perform-ed only for the VSUS voltage, and not for the VOFS voltage, and it is controlled by software.

4. When a fuse blows

- If a fuse blows, never turn the power on again only after replacing the fuse. (In most cases, the fuse itself did not have any problem. So as long as factors of overcurrent have not been removed, chances of destruction increase every time the power is turned on. In the worst case, about a dozen parts may be destroyed.)
- Principally, the whole power-supply module must be replaced.

5. Voltage adjustment of the panel drive

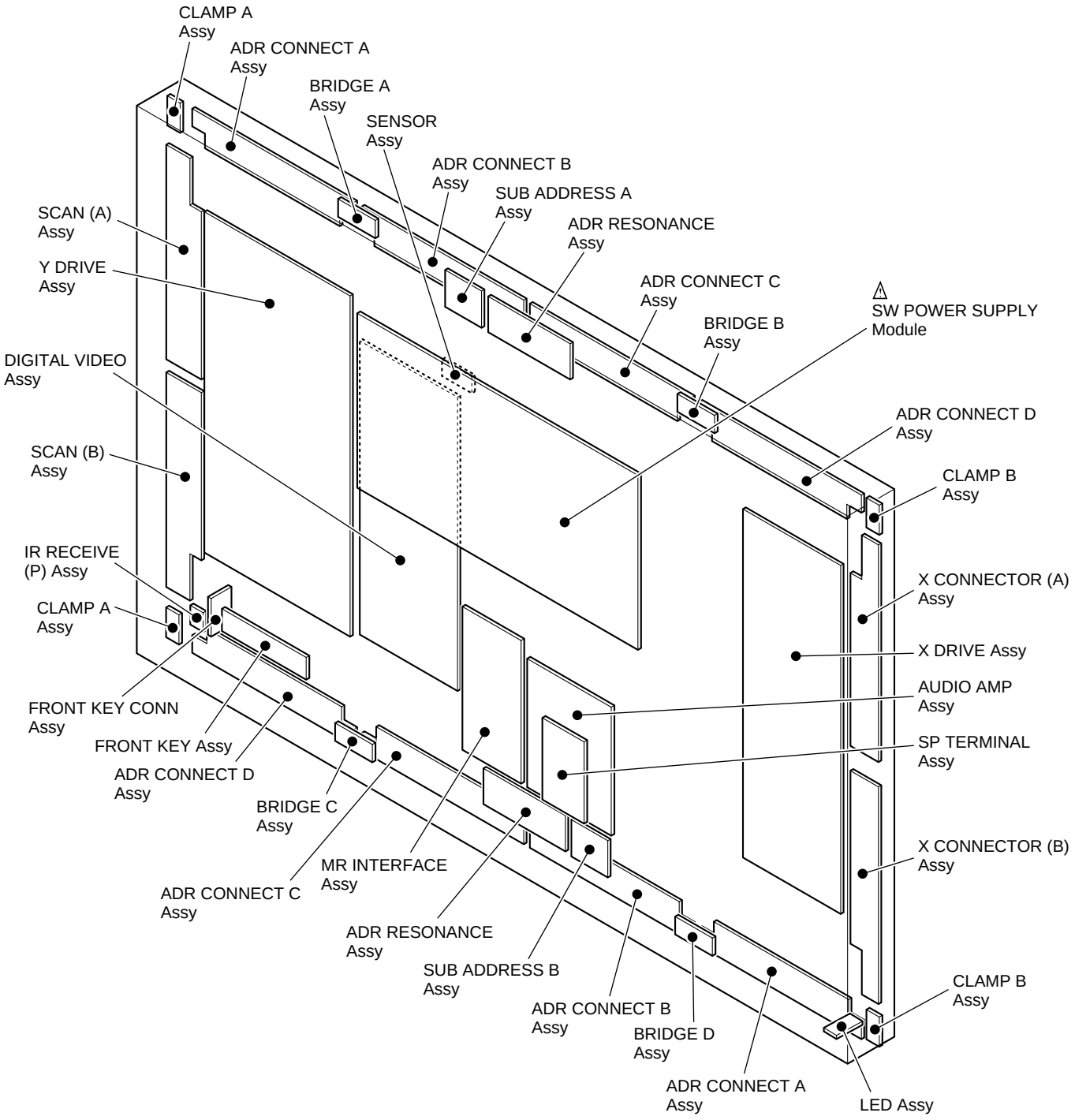
As this model employs the electronic VR system for the VSUS and VOFS voltages, and as the voltage-adjustment data are stored in the DIGITAL assembly, voltage adjustment of the panel drive is not necessary when the power-supply modules are changed. (For VADR, VH, and VRN, adjustments with semifixed VR controls are necessary.)

For this model, as the power-supply block has been developed and designed by an outside vendor, at the point you know which module is a cause of failure (through diagnosis described elsewhere in this manual), change the corresponding modules, and do not diagnose or repair the module.

Similarly, the switches and the semifixed VRs inside the power-supply module must not be adjusted without a special reason.

CHASSIS LAYOUT

■ PWB LOCATION



● Rear View

DESCRIPTION OF MAJOR IC FUNCTIONS

- The information shown in the list is basic information and may not correspond exactly to that shown in the schematic diagrams.

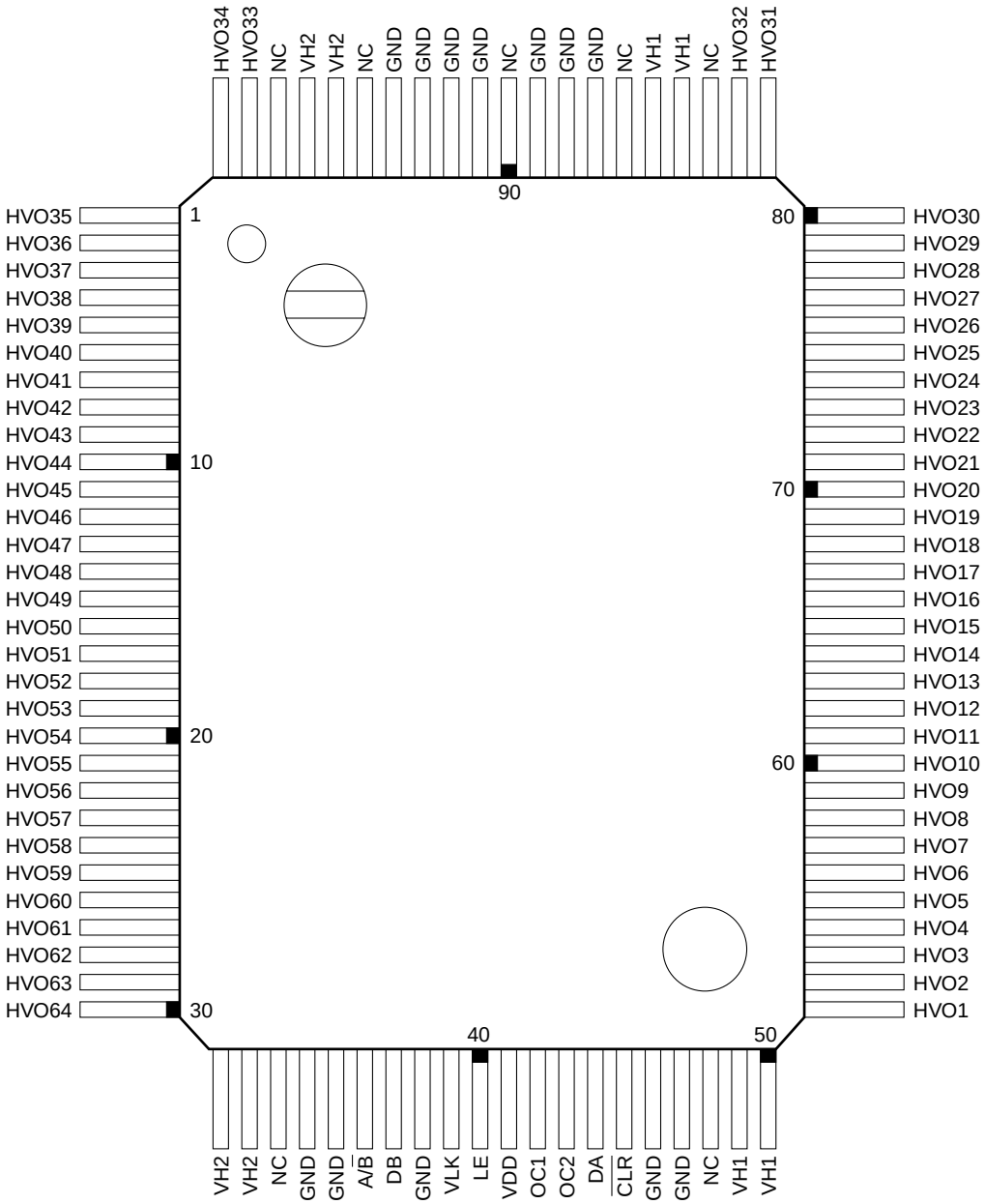
- **List of IC**

SN755860PJ, HD64F2328VF, PE1013B, M30624FGAFP, PD6358A, PST9246N, FS781BZB, STK795-460

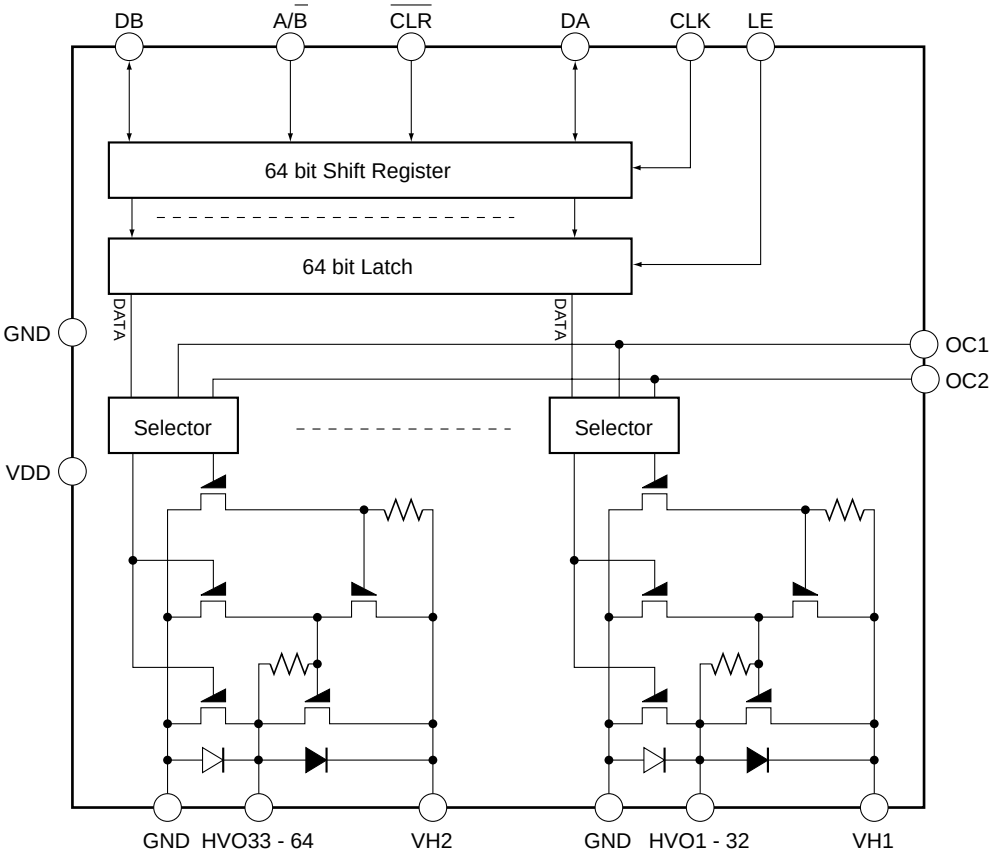
SN755860PJ (SCAN A ASSY : IC6201 - IC6206)
SN755860PJ (SCAN B ASSY : IC6001 - IC6006)

- **Scan IC**

- **Pin Assignment (Top view)**



● Block Diagram



● Pin Function

Name	Pin No.	I/O	Num.	Function
CLK	39	I	1	Shift clock (start edge partial response)
DA	44	I/O	1	The serial data input of shifting register
DB	37	I/O	1	The serial data output of shifting register
LE	40	I	1	It output data done a latch of by "L" level
A/B	36	I	1	A shift directional control signal of shift register
CLR	45	I	1	It do data of shift register with "L" by "L" level
OC1	42	I	1	An output control terminal of HVO
OC2	43	I	1	An output control terminal of HVO
HVO	1-30, 51-82, 99, 100	O	64	High voltage drive output (HVO1 - HVO64)
VDD	41	–	1	Logic power supply
GND	34, 35, 38, 46, 47, 87-89, 91-94	–	12	Standard potential. This is common to HVO1 - HVO64.
VH1	84, 85, 49, 50	–	4	The high potential circuit power supply which is common to HVO1 - HVO32
VH2	31, 32, 96, 97	–	4	The high potential circuit power supply which is common to HVO33 - HVO64
NC	33, 48, 95, 83, 86, 90, 98	–	7	It is the insulation electrically

■ HD64F2328VF (DIGITAL VIDEO ASSY : IC1101)

- **Panel Microcomputer**

- **Pin Function**

No.	Pin Name	Function
1	CS_23	PE5064 (IC1703) control output
2	NC	NC Terminal
3	VSS	GND
4	VSS	GND
5	VCC	3.3V power supply
6	UA0	Address bus
7	UA1	Address bus
8	UA2	Address bus
9	UA3	Address bus
10	VSS	GND
11	UA4	Address bus
12	UA5	Address bus
13	UA6	Address bus
14	UA7	Address bus
15	UA8	Address bus
16	UA9	Address bus
17	UA10	Address bus
18	UA11	Address bus
19	VSS	GND
20	UA12	Address bus
21	UA13	Address bus
22	UA14	Address bus
23	UA15	Address bus
24	UA16	Address bus
25	UA17	Address bus
26	UA18	Address bus
27	UA19	Address bus
28	VSS	GND
29	UA20	Address bus
30	PA5	NC terminal
31	PA6	NC terminal
32	PA7	NC terminal
33	CE_PN	Enables / for panel microcomputer
34	CE_PN	Enables / for panel microcomputer
35	VSS	GND
36	VSS	GND
37	APLP	The APL value acquisition trigger signal input
38	VD_31	The V signal input from IC1401 (PD6358)
39	VCC	3.3V power supply
40	UD0	Data bus
41	UD1	Data bus
42	UD2	Data bus
43	UD3	Data bus
44	VSS	GND
45	UD4	Data bus
46	UD5	Data bus
47	UD6	Data bus
48	UD7	Data bus
49	UD8	Data bus
50	UD9	Data bus

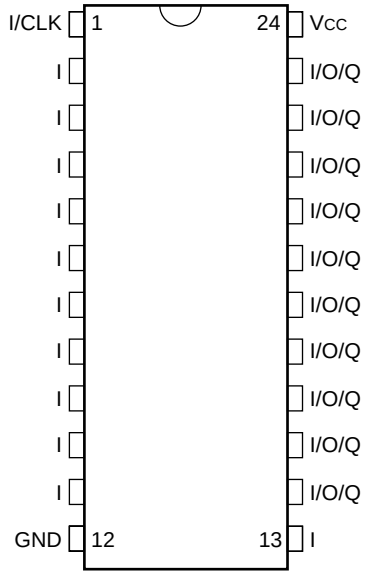
No.	Pin Name	Function
51	UD10	Data bus
52	UD11	Data bus
53	VSS	GND
54	UD12	Data bus
55	UD13	Data bus
56	UD14	Data bus
57	UD15	Data bus
58	VCC	3.3V power supply
59	D_TXD	Communication with IC1207 (module microcomputer)
60	EXT_TXD	Communication with the outside (program notes)
61	D_RXD	Communication with IC1207 (module microcomputer)
62	EXT_RXD	Communication with the outside (program notes)
63	D_CLK	Communication with IC1207 (module microcomputer)
64	P60	NC terminal
65	VSS	GND
66	CS_FLASH	A flash memory control terminal
67	VSS	GND
68	VSS	GND
69	P61	NC terminal
70	UDREQ	IC1703 (PE5064) control terminal
71	P63	NC terminal
72	WE_FLASH	A flash memory note control signal (unused)
73	BUSY	The command receipt of a message lye Norwich output
74	REQ_PU	A communication demand to a module microcomputer
75	SEL23B	IC1703 (PE5064) control terminal
76	CLRB	IC1703 (PE5064) control terminal
77	FR_SEL	The free run select signal output
78	RST31B	The reset output to IC1301, IC1401 (PD6358)
79	RST23B	The reset output to IC1703 (PE5064)
80	FWE	Microcomputer program note control signal
81	RESET	Reset input
82	NMI	The at the rate of tang input (unused)
83	STBY	The hardware standby input (unused)
84	VCC	3.3V power supply
85	XTAL	A clock oscillation child connection terminal
86	EXTAL	A clock oscillation child connection terminal
87	VSS	GND
88	PF7	NC terminal
89	VCC	3.3V power supply
90	PF6	NC terminal
91	RDB	A read control terminal from an outside slave device
92	HWRB	A wright control terminal to an outside slave device
93	PF3	NC terminal
94	PF2	NC terminal
95	PF1	NC terminal
96	PF0	NC terminal
97	P50	NC terminal
98	P51	NC terminal
99	VSS	GND
100	VSS	GND

No.	Pin Name	Function
101	P52	NC terminal
102	P53	NC terminal
103	AVCC	3.3V power supply
104	VREF	A/D, D/A reference voltage input (unused)
105	STOPB	The drive control input from IC1703 (PE5064)
106	P41	NC terminal
107	RYBY	The flash memory note ready input
108	ADR_K_EMG_L1	The emergency input from panel bottom address resonance block
109	ADR_K_EMG_U1	The emergency input from panel upper address resonance block
110	ADR_K_EMG_L2	The emergency input from panel bottom address resonance block (unused)
111	ADR_K_EMG_U2	The emergency input from panel upper address resonance block (unused)
112	P47	NC terminal
113	AVSS	GND
114	VSS	GND
115	MUTE_ADR	The panel mute signal input
116	MUTE_SUS	The X and Y drive mute signal output (unused)
117	P15	NC terminal
118	HD	The HD signal input from outside Assy (RGB Assy etc.)
119	P13	NC terminal
120	P12	NC terminal
121	PC_VIDEO	The PC/Video identification output
122	VD	The HD signal input from outside Assy (RGB Assy etc.)
123	MD0	The microcomputer mode of operation select signal input
124	MD1	The microcomputer mode of operation select signal input
125	MD2	The microcomputer mode of operation select signal input
126	PG0	NC terminal
127	CS_31Y	IC1301, IC1401 (PD6358) control signal
128	CS_31X	IC1301, IC1401 (PD6358) control signal

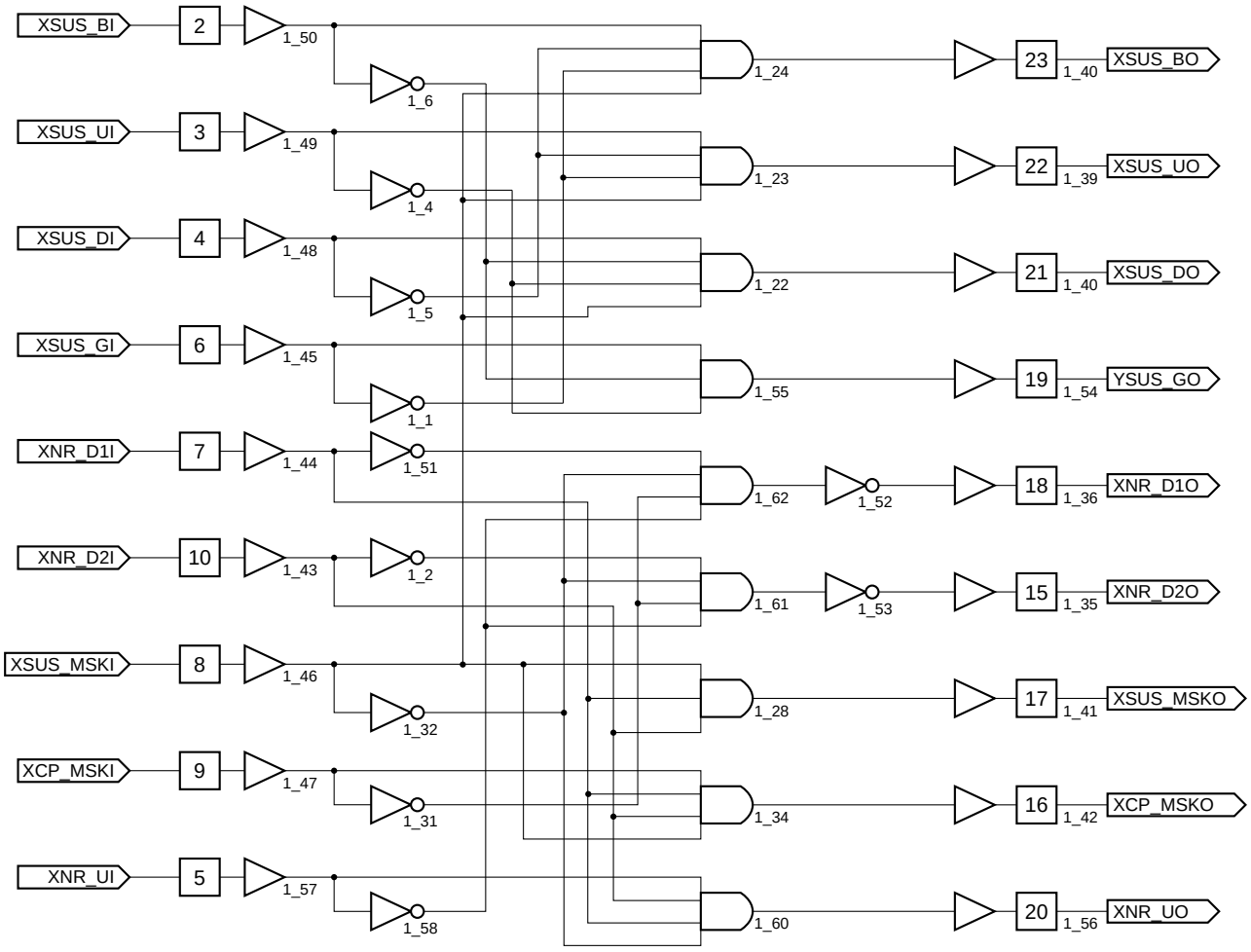
■ PE1013B (X DRIVE ASSY : IC3003)

- **Drive Protect PLD**

- **Pin Assignment (Top View)**



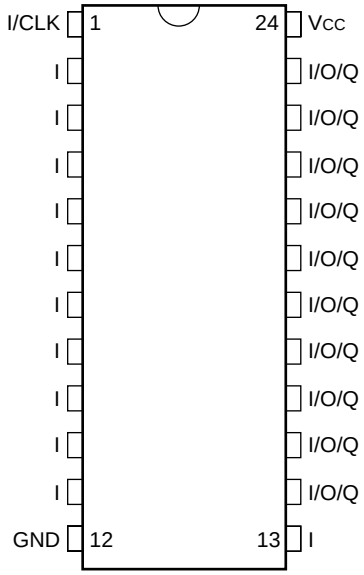
- **Block Diagram**



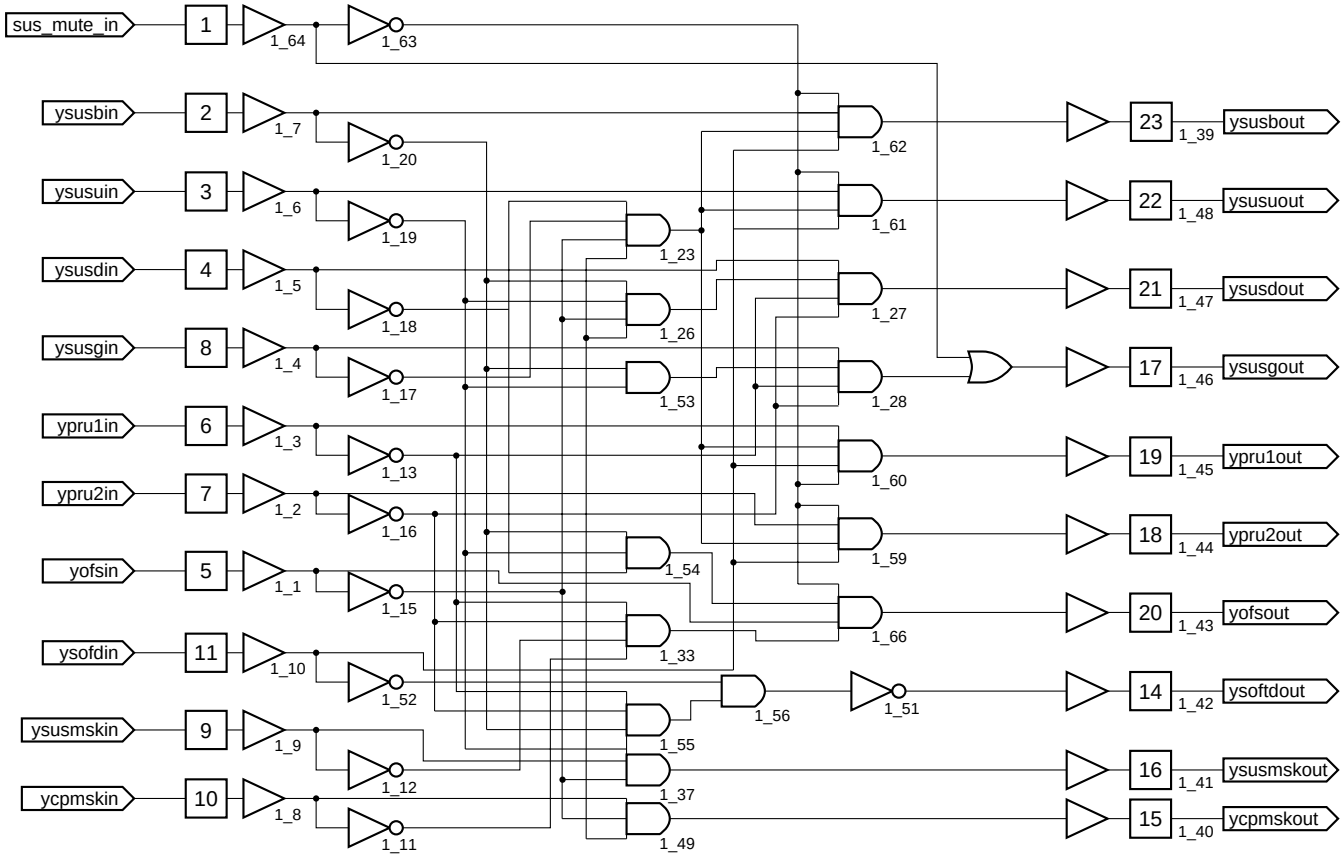
■ PE1013B (Y DRIVE ASSY : IC2006)

- **Drive Protect PLD**

- **Pin Assignment (Top View)**



- **Block Diagram**



■ M30624FGAFP (DIGITAL VIDEO ASSY : IC1207)

- **Module Microcomputer**

- **Pin Function**

No.	Pin Name	Function
1	TXD	Serial 3 line data output for communication with a panel microcomputer
2	CLK	Serial 3 line clock for communication with a panel microcomputer
3	NC	NC terminal
4	NC	NC terminal
5	NC	NC terminal
6	NC	NC terminal
7	NC	NC terminal
8	BYTE	The external data bus width reshuffling input (I am unused and connect GND)
9	CNVSS	A power supply for program note (a note, 5V, usually, pull-down
10	XCIN	NC terminal
11	XCOUT	NC terminal
12	RESET	A reset input terminal
13	XOUT	Clock output terminal
14	VSS	GND
15	XIN	Clock input terminal
16	VCC	5V standby power
17	NMI	Because a NMI interruption terminal is unused, It handle pull up.
18	REM	The SR signal input
19	REQ_PU	A communication demand from a panel microcomputer (the pulse meter acquisition)
20	/SW_TRG	Main switch OFF / ON search
21	NC	NC terminal
22	NC	NC terminal
23	NC	NC terminal
24	AC_OFF	AC power OFF search and power supply ASSY differentiation.
25	PD_TRIGGER	Power down search
26	NC	NC terminal
27	NC	NC terminal
28	NC	NC terminal
29	SCL	EEPROM, IIC communication with power supply ASSY
30	SDA	EEPROM, IIC communication with power supply ASSY
31	TXD1	Communication with the outside (a program note)
32	RXD1	Communication with the outside (a program note)
33	CLK1	Communication with the outside (a program note)
34	BUSY1	Communication with the outside (a program note)
35	TXD0	Communication with outside ASSY (microcomputers main in RGB ASSY, etc)
36	RXD0	Communication with outside ASSY (microcomputers main in RGB ASSY, etc)
37	NC	NC terminal
38	REQ_MD/A_MUTE	232C communication demand (a request to a main microcomputer) / audio system mute
39	NC	NC terminal
40	NC	NC terminal
41	EPM	The EPM input for program note (L fixation)
42	NC	NC terminal
43	PU_CE	Enables/ for panel microcomputer
44	NC	NC terminal
45	MOD_SW/A_NG	The model of machines distinction input / audio system NG input
46	CE	The CE input for program note (H fixation)
47	DITHER/SW_STC	Power supply search of a dither setting / media receiver for module
48	NC	NC terminal
49	/SW_STP	Power supply search of a panel
50	NC	NC terminal

No.	Pin Name	Function
51	NC	NC terminal
52	RELAY	The output for power supply ON / OFF change
53	POWER/MSTATE	Input / SII861 master information for power supply ON / OFF change
54	NC	NC terminal
55	WE_PN	Buffer state control for panel microcomputer note
56	MD0	The panel microcomputer mode of operation change output
57	MD2	The panel microcomputer mode of operation change output
58	FWE	The panel microcomputer program note control signal output
59	RST_PU	The panel microcomputer reset output
60	PN_MUTE	The panel mute input
61	NC	NC terminal
62	VCC	5V standby power
63	NC	NC terminal
64	VSS	GND
65	NC	NC terminal
66	NC	NC terminal
67	/A_SCL	IIC clock for audio system
68	/A_SDA	IIC data for audio system
69	APD_MUTE	A mute signal of address series
70	ADR_K_PD	The address oscillatory system PD input
71	ADR_PD	The address series PD input
72	DCC_PD	The power supply system PD input
73	NC	NC terminal
74	NC	NC terminal
75	RST2	Panel microcomputer reset search
76	NC	NC terminal
77	/DDC_SCL	IIC communication with a media receiver
78	/DDC_SDA	IIC communication with a media receiver
79	NC	NC terminal
80	NC	NC terminal
81	DEW_DET	The dew condensation sensor input
82	NC	NC terminal
83	NC	NC terminal
84	NC	NC terminal
85	NC	NC terminal
86	LED_G	Green LED lighting (LED on interface ASSY in a panel module)
87	LED_R	Red LED lighting (LED on interface ASSY in a panel module)
88	NC	NC terminal
89	BUSY	Communication permission / inhibiting signal from a panel microcomputer
90	NC	NC terminal
91	NC	NC terminal
92	/F_KEY1	The front KEY input
93	MAX_PLS2/F_KEY2	The terminal / front KEY input for brightness setting mode of operation change
94	TEMP1	The A/D input for temperature sensor
95	MAX_PLS? /CCKM	Terminal / connection search for brightness setting mode of operation change
96	AVSS	GND for AD conversion
97	PM_ST	The A/D input for model of machines distinction
98	VREF	Reference voltage for AD conversion
99	AVCC	5V standby power for AD conversion
100	RXD	Serial 3 line data entry for communication with a panel microcomputer

■ PD6358A (DIGITAL VIDEO ASSY : IC1301)

- **Picture Improved IC**

- **Pin unction**

No.	Pin Name	Function
1	VSS	GND
2	TESTO6	Test output terminal (unused)
3	OSDCLK	The CLK input for OSD
4	TTST	Test input terminal (unused)
5	VDDI	2.5V power supply
6	OVDDE-01	3.3V power supply
7	AGO0	Address data output (G signal)
8	VDDI	2.5V power supply
9	AGO2	Address data output (G signal)
10	AGO3	Address data output (G signal)
11	AGO4	Address data output (G signal)
12	VDDI	2.5V power supply
13	ARO6	Address data output (R signal)
14	AGO7	Address data output (G signal)
15	VDDI	2.5V power supply
16	ARO9	Address data output (R signal)
17	ABO9	Address data output (B signal)
18	VDDI	2.5V power supply
19	ADRCLKO2	The address CLK output (for panel upper part)
20	ARO12	Address data output (R signal)
21	ARO13	Address data output (R signal)
22	AGO14	Address data output (G signal)
23	AGO15	Address data output (G signal)
24	ARO16	Address data output (R signal)
25	ARO17	Address data output (R signal)
26	VSS	GND
27	ABO17	Address data output (B signal)
28	AGO17	Address data output (G signal)
29	AGO18	Address data output (G signal)
30	ABO19	Address data output (B signal)
31	UDAT15	Microcomputer data bus
32	UDAT12	Microcomputer data bus
33	UDAT9	Microcomputer data bus
34	UDAT5	Microcomputer data bus
35	OVDDE-06	3.3V power supply
36	APLP	APL value output trigger signal
37	OVDDE-08	3.3V power supply
38	CS5BI	The chip select input
39	CS4BI	The chip select input
40	UADRI13	Microcomputer address bus
41	UADRI9	Microcomputer address bus
42	UADRI6	Microcomputer address bus
43	UADRI2	Microcomputer address bus
44	UADRI1	Microcomputer address bus
45	TESTI2	Test input terminal (unused)
46	BIT0	The subfield No output (the 0 bit)
47	OVDDE-11	3.3V power supply
48	TESTO4	Test output terminal (unused)
49	ARO39	Address data output (G signal)
50	AGO38	Address data output (G signal)

No.	Pin Name	Function
51	VSS	GND
52	ABO37	Address data output (B signal)
53	ABO36	Address data output (B signal)
54	ARO36	Address data output (R signal)
55	ABO34	Address data output (B signal)
56	ADRCLKO4	The address CLK output (for panel bottom part)
57	AGO33	Address data output (G signal)
58	AGO32	Address data output (G signal)
59	AGO31	Address data output (G signal)
60	AGO30	Address data output (G signal)
61	AGO29	Address data output (G signal)
62	VDDI	2.5V power supply
63	ABO27	Address data output (B signal)
64	AGO26	Address data output (G signal)
65	VDDI	2.5V power supply
66	AGO24	Address data output (G signal)
67	VDDI	2.5V power supply
68	ABO22	Address data output (B signal)
69	VDDI	2.5V power supply
70	ARO21	Address data output (R signal)
71	ARO20	Address data output (R signal)
72	VDDI	2.5V power supply
73	OVDDE-14	3.3V power supply
74	TDI	The JTAG input
75	RBI9	The R picture B aspect signal input (the ninth bit)
76	VSS	GND
77	RBI8	The R picture B aspect signal input (the eighth bit)
78	RBI6	The R picture B aspect signal input (the sixth bit)
79	RBI4	The R picture B aspect signal input (the fourth bit)
80	OVSS-09	GND
81	RSTB	Reset input
82	GBI8	The G picture B aspect signal input (the eighth bit)
83	OVDDE-18	3.3V power supply
84	GBI5	The G picture B aspect signal input (the fifth bit)
85	GBI2	The G picture B aspect signal input (the second bit)
86	DEI	DE signal input
87	BBI6	The B picture B aspect signal input (the sixth bit)
88	BBI3	The B picture B aspect signal input (the third bit)
89	VDI	VD signal input
90	HDI	HD signal input
91	RAI6	The R picture A aspect signal input (the sixth bit)
92	RAI2	The R picture A aspect signal input (the second bit)
93	TESTI0	Test input terminal (unused)
94	OVSS-11	GND
95	GAI7	The G picture A aspect signal input (the seventh bit
96	GAI3	The G picture A aspect signal input (the third bit)
97	GAI0	The G picture A aspect signal input (the 0 bit)
98	BAI6	The B picture A aspect signal input (the sixth bit)
99	BAI3	The B picture A aspect signal input (the third bit)
100	BAI0	The B picture A aspect signal input (the 0 bit)

No.	Pin Name	Function
101	TESTO7	Test output terminal (unused)
102	TESTO5	Test output terminal (unused)
103	OSDH	OSDH input
104	BLK	OSDBLK input
105	OSDB	OSDB signal input
106	NC	NC terminal
107	ARO1	Address data output (R signal)
108	ARO2	Address data output (R signal)
109	ARO3	Address data output (R signal)
110	ARO4	Address data output (R signal)
111	ARO5	Address data output (R signal)
112	ABO5	Address data output (B signal)
113	ARO7	Address data output (R signal)
114	ARO8	Address data output (R signal)
115	ABO8	Address data output (B signal)
116	AGO9	Address data output (G signal)
117	AGO10	Address data output (G signal)
118	ADRCLKO1	Address CLK output (for panel upper part)
119	ABO11	Address data output (B signal)
120	ABO12	Address data output (B signal)
121	ARO14	Address data output (R signal)
122	ARO15	Address data output (R signal)
123	ABO15	Address data output (B signal)
124	ABO16	Address data output (B signal)
125	AGO16	Address data output (G signal)
126	ARO18	Address data output (R signal)
127	AGO19	Address data output (G signal)
128	OVDDE-05	3.3V power supply
129	UDAT13	Microcomputer data bus
130	UDAT10	Microcomputer data bus
131	UDAT6	Microcomputer data bus
132	UDAT3	Microcomputer data bus
133	UDAT0	Microcomputer data bus
134	OVDDE-07	3.3V power supply
135	LR	The panel LR select input
136	RDBI	Microcomputer read control terminal
137	CLKSEL	CLK select input
138	UADRI10	Microcomputer address bus
139	UADRI7	Microcomputer address bus
140	UADRI3	Microcomputer address bus
141	CYCLEB	Address data output control signal
142	BIT2	Subfield No. output (the second bit)
143	SFSTB	Address data output control signal
144	OVSS-05	GND
145	TESTO2	Test output terminal (unused)
146	ABO38	Address data output (B signal)
147	ARO38	Address data output (R signal)
148	ARO37	Address data output (R signal)
149	AGO36	Address data output (G signal)
150	ARO35	Address data output (R signal)

No.	Pin Name	Function
151	ADRCLKO3	The address CLK output (for panel bottom part)
152	ABO33	Address data output (B signal)
153	ABO32	Address data output (B signal)
154	VDDI	2.5V power supply
155	ABO30	Address data output (B signal)
156	VDDI	2.5V power supply
157	ABO28	Address data output (B signal)
158	ARO28	Address data output (R signal)
159	ABO26	Address data output (B signal)
160	ABO25	Address data output (B signal)
161	ABO24	Address data output (B signal)
162	ARO24	Address data output (R signal)
163	ARO23	Address data output (R signal)
164	ARO22	Address data output (R signal)
165	AGO21	Address data output (G signal)
166	AGO20	Address data output (G signal)
167	TDO	JTAG signal
168	TMS	JTAG signal
169	RBI7	The R picture B aspect signal input (the seventh bit)
170	TCK	JTAG signal
171	RBI5	The R picture B aspect signal input (the fifth bit)
172	RBI3	The R picture B aspect signal input (the third bit)
173	RBI1	The R picture B aspect signal input (the first bit)
174	OVDDE-16	3.3V power supply
175	GBI7	The G picture B aspect signal input (the seventh bit)
176	OVSS-10	GND
177	GBI4	The G picture B aspect signal input (the fourth bit)
178	GBI1	The G picture B aspect signal input (the first bit)
179	BBI9	The B picture B aspect signal input (the ninth bit)
180	BBI5	The B picture B aspect signal input (the fifth bit)
181	BBI2	The B picture B aspect signal input (the second bit)
182	RAI9	The R picture A aspect signal input (the ninth bit)
183	CLK3	CLK input terminal (unused)
184	RAI5	The R picture A aspect signal input (the fifth bit)
185	RAI1	The R picture A aspect signal input (the first bit)
186	TESTI1	Test input terminal (unused)
187	GAI9	The G picture A aspect signal input (the ninth bit)
188	GAI6	The G picture A aspect signal input (the sixth bit)
189	GAI2	The G picture A aspect signal input (the second bit)
190	BAI9	The B picture A aspect signal input (the ninth bit)
191	BAI5	The B picture A aspect signal input (the fifth bit)
192	BAI2	The B picture A aspect signal input (the second bit)
193	BAI1	The B picture A aspect signal input (the first bit)
194	OVSS-01	GND
195	OVSS-02	GND
196	OSDG	OSDG signal input
197	ARO0	Address data output (R signal)
198	ABO0	Address data output (B signal)
199	ABO1	Address data output (B signal)
200	ABO2	Address data output (B signal)

No.	Pin Name	Function
201	ABO3	Address data output (B signal)
202	ABO4	Address data output (B signal)
203	OVDDE-02	3.3V power supply
204	ABO6	Address data output (B signal)
205	ABO7	Address data output (B signal)
206	VDDI	2.5V power supply
207	OVDDE-03	3.3V power supply
208	ARO10	Address data output (R signal)
209	ABO10	Address data output (B signal)
210	AGO11	Address data output (G signal)
211	AGO12	Address data output (G signal)
212	ABO13	Address data output (B signal)
213	ABO14	Address data output (B signal)
214	OVDDE-04	3.3V power supply
215	OVSS-03	GND
216	ARO19	Address data output (R signal)
217	TESTO1	Test output terminal (unused)
218	UDAT14	Microcomputer data bus
219	UDAT11	Microcomputer data bus
220	UDAT7	Microcomputer data bus
221	UDAT4	Microcomputer data bus
222	UDAT1	Microcomputer data bus
223	VDRD	V signal output
224	HWRBI	Microcomputer wright control terminal
225	UADRI14	Microcomputer address bus
226	OVDDE-09	3.3V power supply
227	UADRI11	Microcomputer address bus
228	UADRI8	Microcomputer address bus
229	UADRI4	Microcomputer address bus
230	BIT3	Subfield No. output (the third bit)
231	BIT1	Subfield No. output (the first bit)
232	OVDDE-10	3.3V power supply
233	TESTO3	Test output terminal (unused)
234	ABO39	Address data output (B signal)
235	AGO37	Address data output (G signal)
236	OVSS-06	GND
237	AGO35	Address data output (G signal)
238	ADRCLKO5	Address CLK output (for panel bottom part)
239	ARO34	Address data output (R signal)
240	ARO33	Address data output (R signal)
241	ABO31	Address data output (B signal)
242	ARO31	Address data output (R signal)
243	ABO29	Address data output (B signal)
244	ARO29	Address data output (R signal)
245	OVDDE-12	3.3V power supply
246	ARO27	Address data output (R signal)
247	ARO26	Address data output (R signal)
248	ARO25	Address data output (R signal)
249	OVDDE-13	3.3V power supply
250	AGO23	Address data output (G signal)

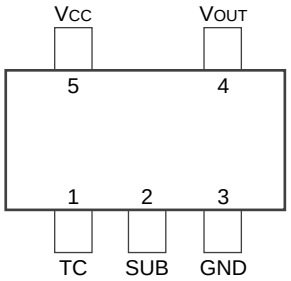
No.	Pin Name	Function
251	AGO22	Address data output (G signal)
252	VDDI	2.5V power supply
253	ABO20	Address data output (B signal)
254	OVSS-07	GND
255	OVDDE-15	3.3V power supply
256	OVSS-08	GND
257	RBI2	The R picture B aspect signal input (the second bit)
258	TRST	JTAG signal
259	GBI9	The G picture B aspect signal input (the ninth bit)
260	GBI6	The G picture B aspect signal input (the sixth bit)
261	OVDDE-17	3.3V power supply
262	GBI3	The G picture B aspect signal input (the third bit)
263	GBI0	The G picture B aspect signal input (the 0 bit)
264	BBI8	The B picture B aspect signal input (the eighth bit)
265	BBI4	The B picture B aspect signal input (the fourth bit)
266	BBI1	The B picture B aspect signal input (the first bit)
267	RAI8	The R picture A aspect signal input (the eighth bit)
268	OVDDE-19	3.3V power supply
269	RAI4	The R picture A aspect signal input (the fourth bit)
270	RAI0	The R picture A aspect signal input (the 0 bit)
271	FREERUN	The freerun control input
272	GAI8	The G picture A aspect signal input (the eighth bit)
273	GAI5	The G picture A aspect signal input (the fifth bit)
274	GAI1	The G picture A aspect signal input (the first bit)
275	BAI8	The B picture A aspect signal input (the eighth bit)
276	BAI4	The B picture A aspect signal input (the fourth bit)
277	VDDE	3.3V power supply
278	OSDV	OSDV input
279	VSS	GND
280	OSDR	OSDR signal input
281	VDDE	3.3V power supply
282	AGO1	Address data output (G signal)
283	VSS	GND
284	VDDI	2.5V power supply
285	VDDI	2.5V power supply
286	AGO5	Address data output (G signal)
287	AGO6	Address data output (G signal)
288	VDDI	2.5V power supply
289	AGO8	Address data output (G signal)
290	VSS	GND
291	ADRCLKO0	The address CLK output (for panel upper part)
292	VDDE	3.3V power supply
293	ARO11	Address data output (R signal)
294	VSS	GND
295	AGO13	Address data output (G signal)
296	VDDE	3.3V power supply
297	ABO18	Address data output (B signal)
298	VSS	GND
299	TESTO0	Test output terminal (unused)
300	VDDI	2.5V power supply

No.	Pin Name	Function
301	UDAT8	Microcomputer data bus
302	VSS	GND
303	UDAT2	Microcomputer data bus
304	VDDI	2.5V power supply
305	OVSS-04	GND
306	UADRI15	Microcomputer address bus
307	VDDI	2.5V power supply
308	UADRI12	Microcomputer address bus
309	VSS	GND
310	UADRI5	Microcomputer address bus
311	VDDI	2.5V power supply
312	NC	NC terminal
313	VSS	GND
314	AGO39	Address data output (G signal)
315	VDDE	3.3V power supply
316	ABO35	Address data output (B signal)
317	VSS	GND
318	AGO34	Address data output (G signal)
319	VDDE	3.3V power supply
320	ARO32	Address data output (R signal)
321	VSS	GND
322	ARO30	Address data output (R signal)
323	VDDI	2.5V power supply
324	AGO28	Address data output (G signal)
325	AGO27	Address data output (G signal)
326	NC	NC terminal
327	AGO25	Address data output (G signal)
328	VSS	GND
329	ABO23	Address data output (B signal)
330	VDDE	3.3V power supply
331	ABO21	Address data output (B signal)
332	VSS	GND
333	VPD	GND
334	VDDE	3.3V power supply
335	RBI0	The R picture B aspect signal input (the 0 bit)
336	VSS	GND
337	ACLK	CLK input (25MHz)
338	VDDI	2.5V power supply
339	CLK4	CLK input (50MHz)
340	VSS	GND
341	BBI7	The B picture B aspect signal input (the seventh bit)
342	VDDI	2.5V power supply
343	BBI0	The B picture B aspect signal input (the 0 bit)
344	RAI7	The R picture A aspect signal input (the seventh bit)
345	VDDI	2.5V power supply
346	RAI3	The R picture A aspect signal input (the third bit)
347	VSS	GND
348	CLK2	The image system CLK input
349	VDDI	2.5V power supply
350	GAI4	The G picture A aspect signal input (the fourth bit)
351	VSS	GND
352	BAI7	The B picture A aspect signal input (the seventh bit)

■ PST9246N (DIGITAL VIDEO ASSY : IC1208)

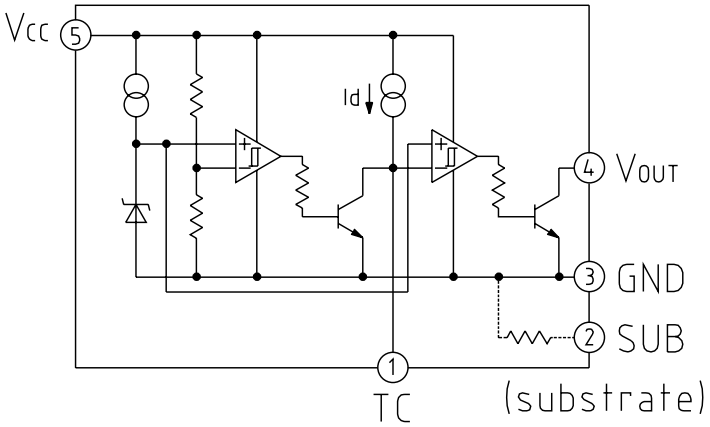
- **Reset IC**

- **Pin Assignment (Top View)**



SOT-25
(TOP VIEW)

- **Block Diagram**



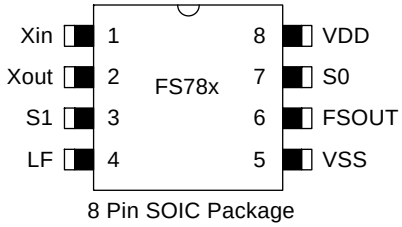
- **Pin Function**

Pin No.	Pin name	Functions
1	TC	TPLH control pin
2	SUB	Substate pin
3	GND	GND pin
4	VOUT	Reset signal output pin
5	VCC	VCC pin / voltage detect pin

FS781BZB (DIGITAL VIDEO ASSY : IC1802)

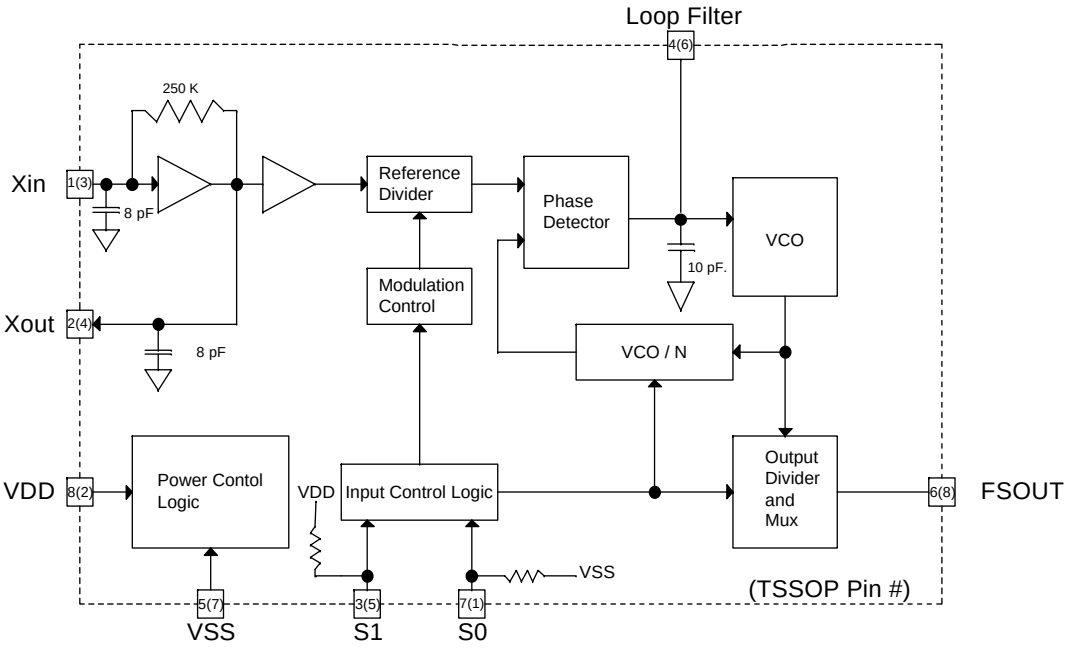
- **Low EMI Clock IC**

- **Pin Assignment (Top View)**



8 Pin SOIC Package

- **Block Diagram**



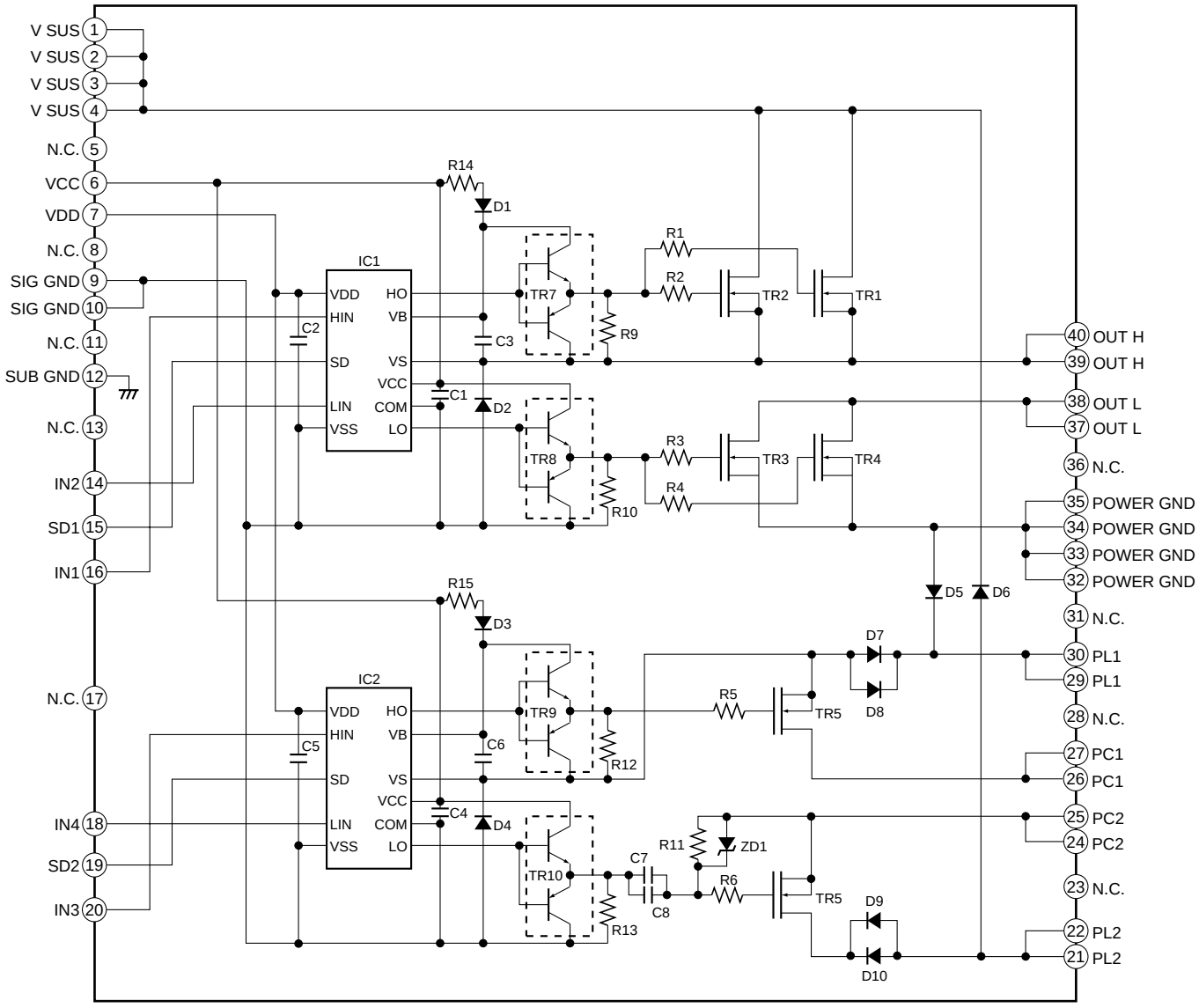
- **Pin Function**

No.	Pin Name	I/O	Type	Function
1/2	Xin/Xout	I/O	Analog	Pins form an on-chip reference oscillator when connected to terminals of an external parallel resonant crystal. Xin may be connected to TTL/CMOS external clock source. If Xin connected to external clock other than crystal, leave Xout (pin2) unconnected.
7/3	S0/S1	I	CMOS/TTL	Digital control inputs to select input frequency range and output frequency scaling. Refer to Tables 7 and 8 for selection. S0 has internal pulldown. S1 has internal pullup.
4	LF	I	Analog	Loop Filter. Single ended tri-state output of the phase detector. A two-pole passive loop filter is connected to Loop Filter (LF).
6	FSOUT	O	CMOS/TTL	Modulated Clock Frequency Output. The center frequency is the same as the input reference frequency for FS781. Input frequency is multipled by 2X and 4X for FS782 and FS784 respectively.
8	VDD	P	Power	Positive Power Supply
5	VSS	P	Power	Power Supply Ground

■ STK795-460 (X DRIVE ASSY : IC3200, IC3201)
(Y DRIVE ASSY : IC2206, IC2214)

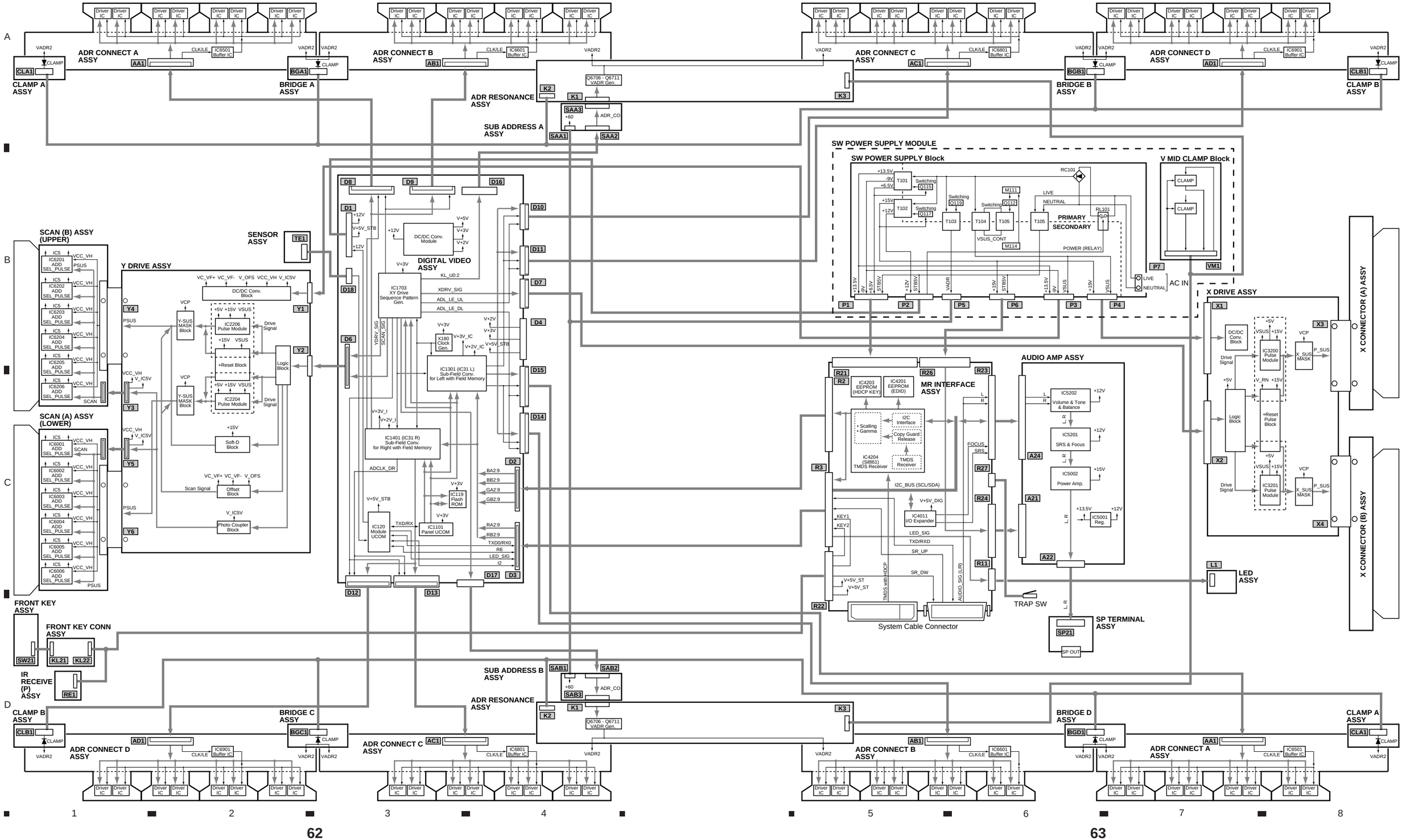
- **PDP Pulse Module IC**

- **Block Diagram**

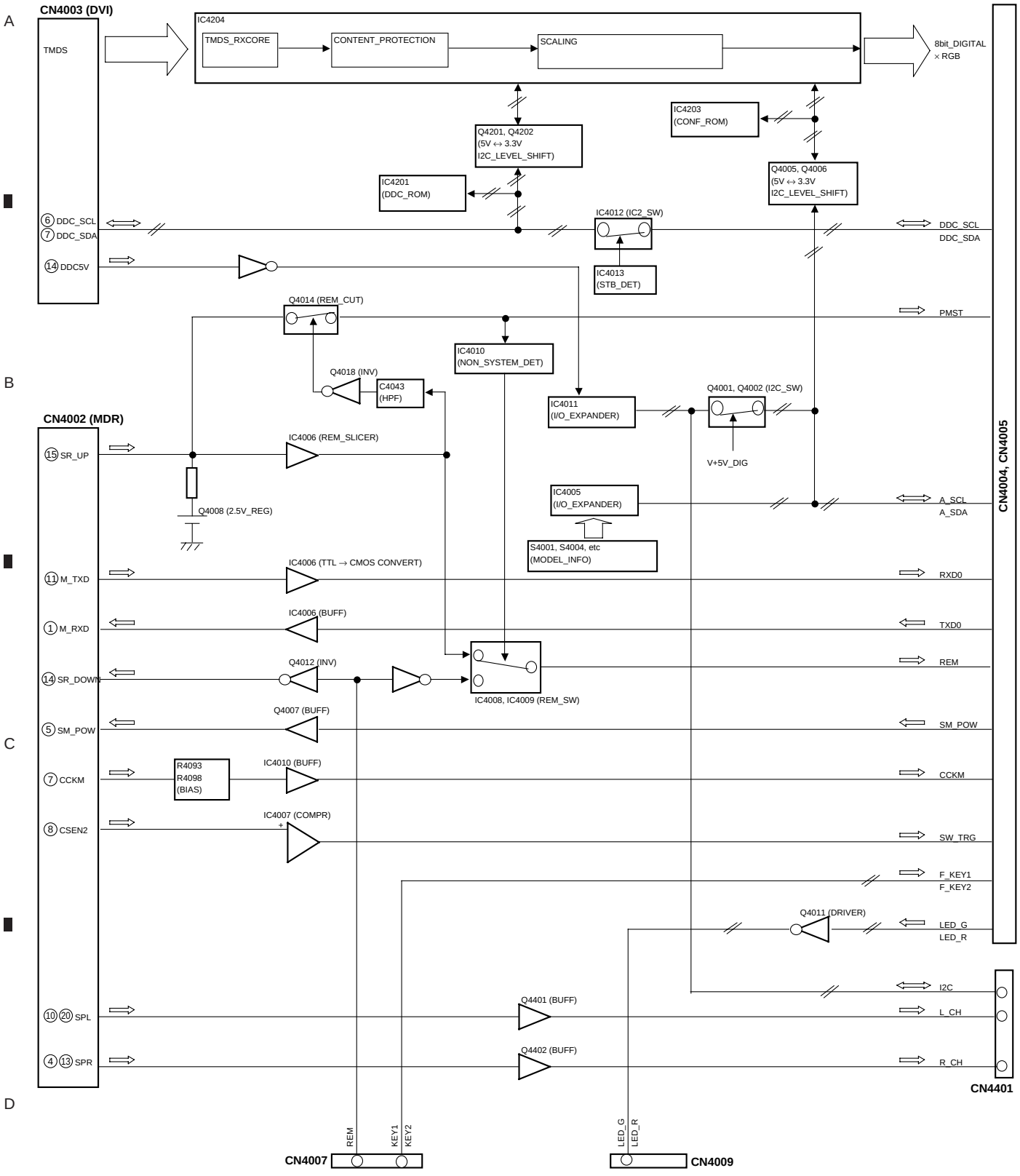


BLOCK DIAGRAM

■ OVERALL DIAGRAM



■ MR INTERFACE ASSY



● Voltages

CN4002 (MDR Connector) (↔ AVC System)

No.	Name	Description	Voltage at INPUT4 NTSC Input
1	M_RXD	232C bus (PDP → MR)	0-5V swing square wave
2	GND		
3	SENCE	Connecting detection for MR	0.0V DC
4	SPR	Audio signal R ch	Analog audio signal wave
5	SMPOW	MR relay control	3.5V DC
6	GND		
7	CCKM	System activation detection	1.9V DC
8	CSEN2	System activation signal	5.0V DC
9	CSEN1	Not used	
10	SPL	Audio signal L ch	Analog audio signal wave
11	M_TXD	232C bus (MR → PDP)	0-3.3V swing square wave
12	GND		
13	SPR	Audio signal R ch	Analog audio signal wave
14	SR_DW	Remote control signal	5.0V DC
15	SR_UP	MDR connecting detection signal multiplex remote control signal	3.75V DC
16	GND		
17	FRASH_W	Not used	
18	SRST	Not used	
19	GND		
20	SPL	Audio signal L ch	Analog audio signal wave

CN4003 (DVI Connector) (↔ AVC System)

No.	Name	Description	Voltage at INPUT4 NTSC Input
1	RX2-	DVI signal	DVI signal
2	RX2+	DVI signal	DVI signal
3	GND		
4	NC		
5	NC		
6	DDC_SCL	I2C for DDC	0-5V swing square wave
7	DDC_SDA	I2C for DDC	0-5V swing square wave
8	NC		
9	RX1-	DVI signal	DVI signal
10	RX1+	DVI signal	DVI signal
11	GND		
12	NC		
13	NC		
14	DDC_+5V	I2C power supply for DDC	5.0V DC
15	GND		
16	HPD	HOT_PLUG detection	5.0V DC
17	RX0-	DVI signal	DVI signal
18	RX0+	DVI signal	DVI signal
19	GND		
20	NC		
21	NC		
22	GND		
23	RXC+	DVI signal	DVI signal
24	RXC-	DVI signal	DVI signal

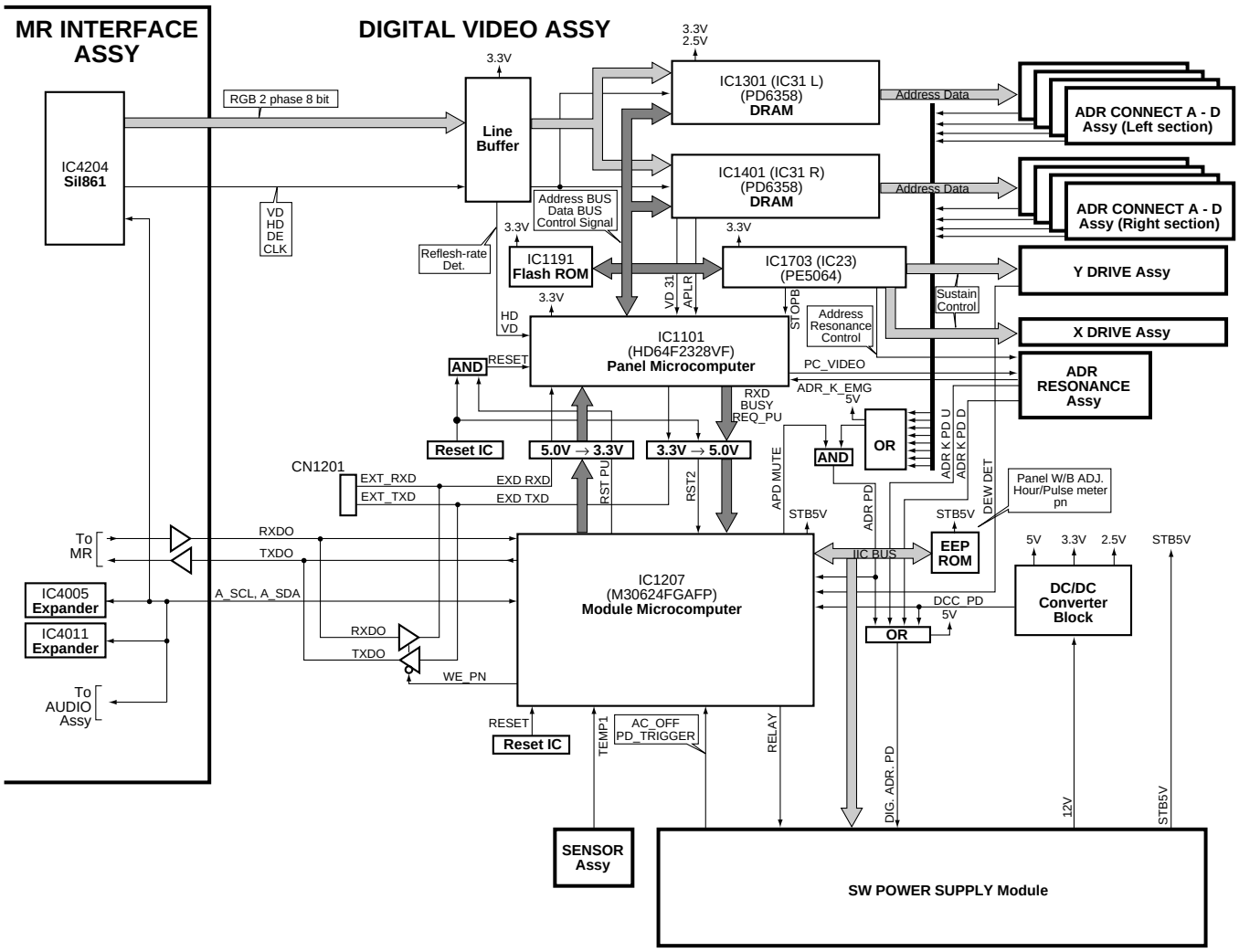
CN4004 (50P_FFC Connector) (↔ DIGITAL VIDEO Assy)

No.	Name	Description	Voltage at INPUT4 NTSC Input
1	GND		
2	GND		
3	NC		
4	NC		
5	NC		
6	NC		
7	BB0	8 bit video signal	0-3.3V swing square wave
8	BA0	8 bit video signal	0-3.3V swing square wave
9	BB1	8 bit video signal	0-3.3V swing square wave
10	BA1	8 bit video signal	0-3.3V swing square wave
11	BB2	8 bit video signal	0-3.3V swing square wave
12	BA2	8 bit video signal	0-3.3V swing square wave
13	BB3	8 bit video signal	0-3.3V swing square wave
14	BA3	8 bit video signal	0-3.3V swing square wave
15	BB4	8 bit video signal	0-3.3V swing square wave
16	BA4	8 bit video signal	0-3.3V swing square wave
17	BB5	8 bit video signal	0-3.3V swing square wave
18	BA5	8 bit video signal	0-3.3V swing square wave
19	BB6	8 bit video signal	0-3.3V swing square wave
20	BA6	8 bit video signal	0-3.3V swing square wave
21	BB7	8 bit video signal	0-3.3V swing square wave
22	BA7	8 bit video signal	0-3.3V swing square wave
23	GND		
24	GND		
25	NC		
26	NC		
27	NC		
28	NC		
29	GB0	8 bit video signal	0-3.3V swing square wave
30	GA0	8 bit video signal	0-3.3V swing square wave
31	GB1	8 bit video signal	0-3.3V swing square wave
32	GA1	8 bit video signal	0-3.3V swing square wave
33	GB2	8 bit video signal	0-3.3V swing square wave
34	GA2	8 bit video signal	0-3.3V swing square wave
35	GB3	8 bit video signal	0-3.3V swing square wave
36	GA3	8 bit video signal	0-3.3V swing square wave
37	GB4	8 bit video signal	0-3.3V swing square wave
38	GA4	8 bit video signal	0-3.3V swing square wave
39	GB5	8 bit video signal	0-3.3V swing square wave
40	GA5	8 bit video signal	0-3.3V swing square wave
41	GB6	8 bit video signal	0-3.3V swing square wave
42	GA6	8 bit video signal	0-3.3V swing square wave
43	GB7	8 bit video signal	0-3.3V swing square wave
44	GA7	8 bit video signal	0-3.3V swing square wave
45	GND		
46	GND		
47	NC		
48	NC		
49	GND		
50	GND		

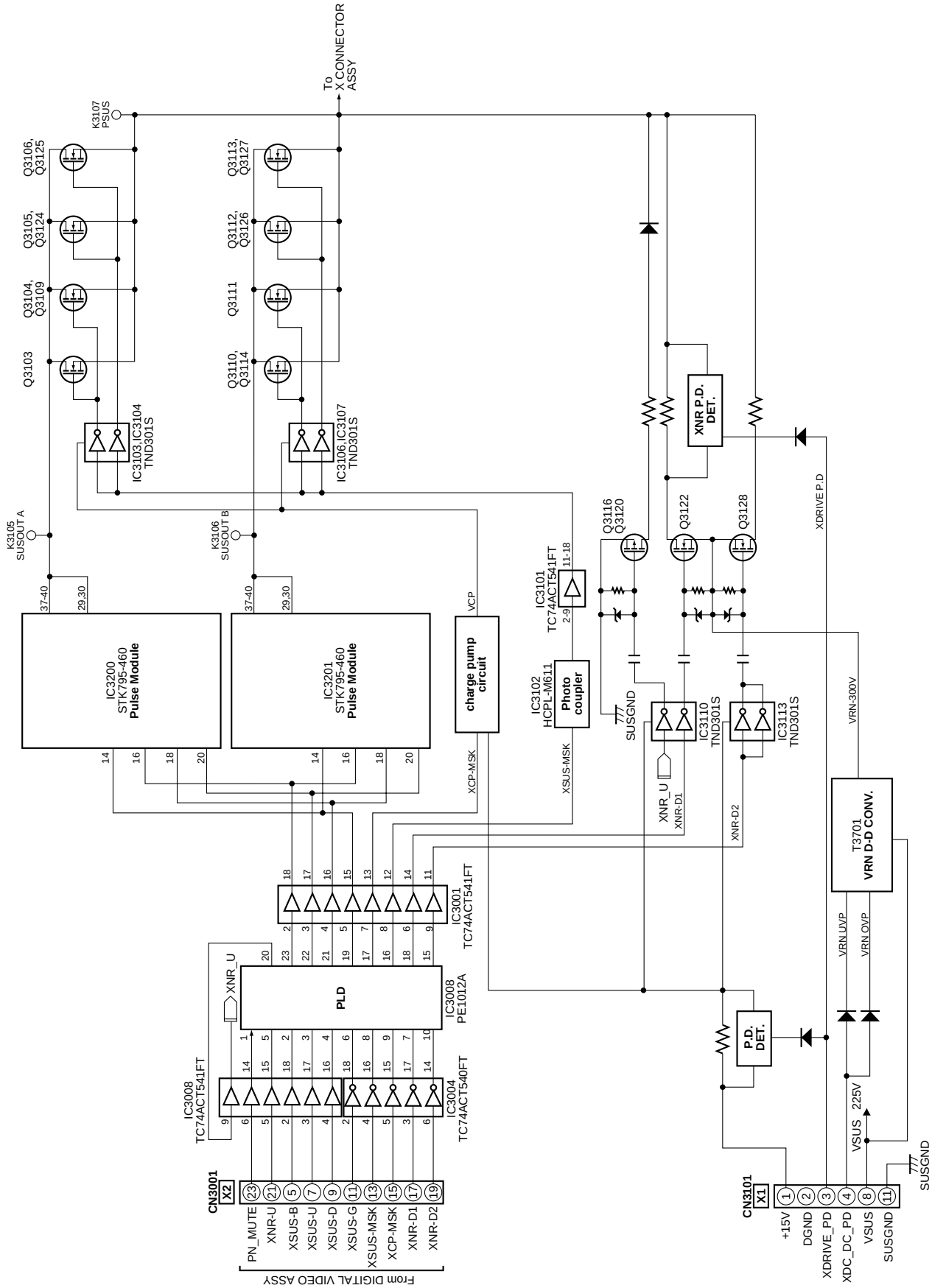
CN4005 (50P_FFC Connector) (↔ DIGITAL VIDEO Assy)

No.	Name	Description	Voltage at INPUT4 NTSC Input
1	NC		
2	NC		
3	NC		
4	NC		
5	RB0	8 bit video signal	0-3.3V swing square wave
6	RA0	8 bit video signal	0-3.3V swing square wave
7	RB1	8 bit video signal	0-3.3V swing square wave
8	RA1	8 bit video signal	0-3.3V swing square wave
9	RB2	8 bit video signal	0-3.3V swing square wave
10	RA2	8 bit video signal	0-3.3V swing square wave
11	RB3	8 bit video signal	0-3.3V swing square wave
12	RA3	8 bit video signal	0-3.3V swing square wave
13	RB4	8 bit video signal	0-3.3V swing square wave
14	RA4	8 bit video signal	0-3.3V swing square wave
15	RB5	8 bit video signal	0-3.3V swing square wave
16	RA5	8 bit video signal	0-3.3V swing square wave
17	RB6	8 bit video signal	0-3.3V swing square wave
18	RA6	8 bit video signal	0-3.3V swing square wave
19	RB7	8 bit video signal	0-3.3V swing square wave
20	RA7	8 bit video signal	0-3.3V swing square wave
21	GND		
22	CLK	Clock	0-3.3V swing square wave (40MHz)
23	GND		
24	DE	Data enable	0-3.3V swing square wave (+ polarity)
25	GND		
26	HD	Horizontal sync. signal	0-3.3V swing square wave
27	GND		(- polarity 48.4kHz)
28	VD	Vertical sync. signal	0-3.3V swing square wave
29	GND		(- polarity 60.0Hz)
30	A_SCL	I2C bus	0-5V swing square wave
31	F_KEY1	Front key signal 1	5.0V DC
32	PMST	MDR connecttion Detect signal	3.75V DC
33	SMPOW	MRrelay control	5.0V DC
34	A_MUTE	Audio mute	0.0V DC
35	CCKM	System activation detect	1.9V DC
36	M_STATE	Sil861 I2C bus master infomation	0.0V DC
37	SW_STC	Not used	
38	A_NG	Not used	
39	SW_TRG	System activation signal	5.0V DC
40	F_KEY2	Front key signal 2	5.0V DC
41	A_SDA	I2C bus	0-5V swing square wave
42	*LED_G	Green LED control signal	0.0V DC
43	TXD0	232C bus	0-5V swing square wave
44	*LED_R	Red LED control signal	5.0V DC
45	RXD0	232C bus	0-5V swing square wave
46	DDC_SCL	I2C for DDC	0-5V swing square wave
47	REM	Remote control signal	5.0V DC
48	DDC_SDA	I2C for DDC	0-5V swing square wave
49	GND		
50	GND		

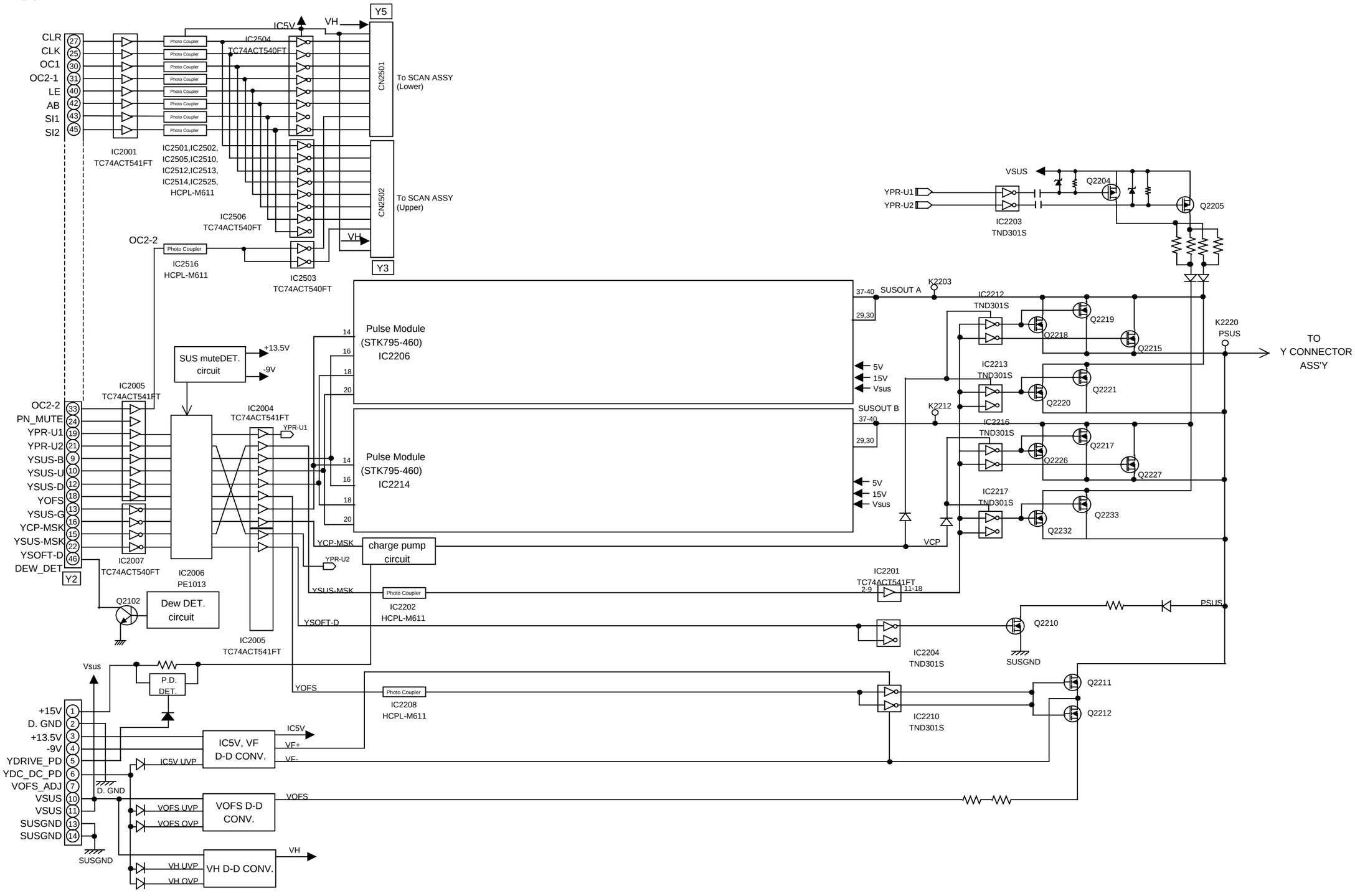
■ DIGITAL VIDEO ASSY



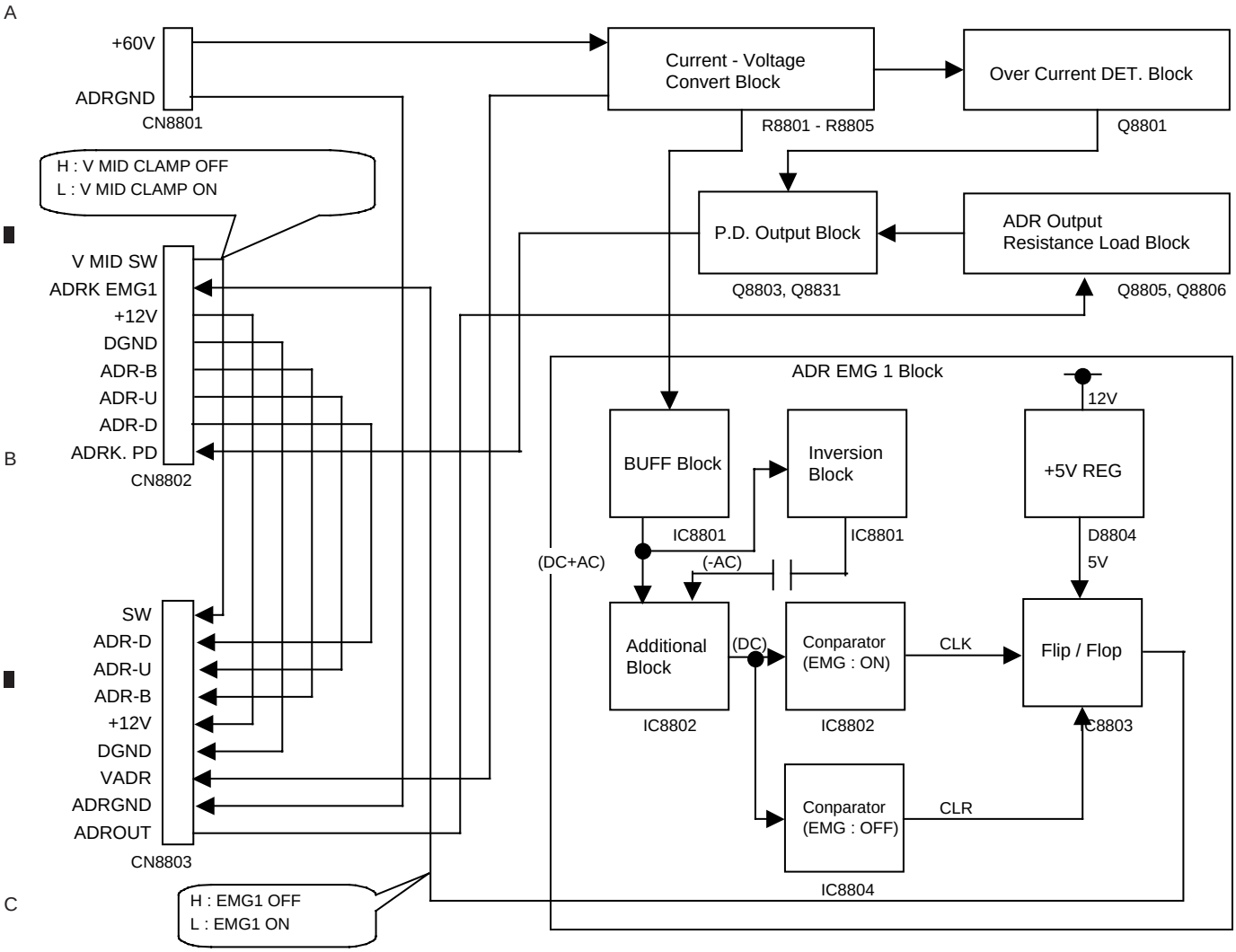
■ X DRIVE ASSY


To X CONNECTOR ASSY
K3107 PSUS
Q3106, Q3125
Q3105, Q3124
Q3104, Q3109
Q3103
Q3113, Q3127
Q3112, Q3126
Q3111
Q3110, Q3114
IC3103,IC3104 TND301S
IC3106,IC3107 TND301S
K3105 SUSOUT A
K3106 SUSOUT B
IC3200 STK795-460 Pulse Module
IC3201 STK795-460 Pulse Module
charge pump circuit
VCP
XCP-MSK
IC3102 HCPL-M611 Photo coupler
IC3101 TC74ACT541FT
XSUS-MSK
XNR P.D. DET.
Q3116 Q3120
Q3122
Q3128
XDRIVE P.D
IC3110 TND301S
IC3113 TND301S
777 SUSGND
XNR_U
XNR-D1
XNR-D2
VRN-300V
T3701 VRN D-D CONV.
VRN UVP
VRN OVP
IC3001 TC74ACT541FT
IC3008 PE1012A PLD
IC3008 TC74ACT541FT
IC3004 TC74ACT540FT
P.D. DET.
VSUS 225V
CN3001 X2
PN_MUTE
XNR-U
XSUS-B
XSUS-U
XSUS-D
XSUS-G
XSUS-MSK
XCP-MSK
XNR-D1
XNR-D2
From DIGITAL VIDEO ASSY
CN3101 X1
+15V
DGND
XDRIVE_PD
XDC_DC_PD
VSUS
SUSGND

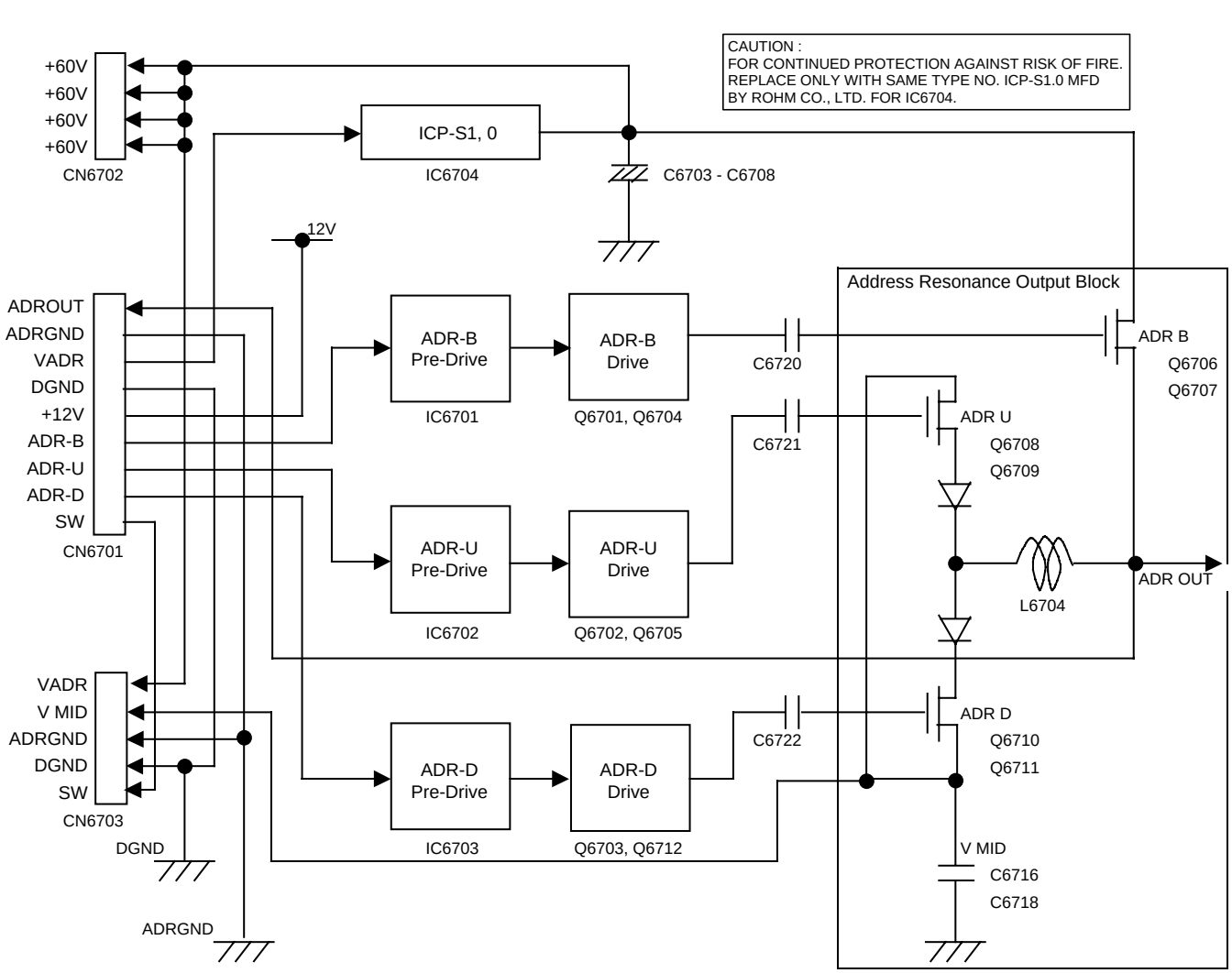
■ Y DRIVE ASSY


CLR
CLK
OC1
OC2-1
LE
AB
SI1
SI2
IC2001
TC74ACT541FT
Photo Coupler
IC2504
TC74ACT540FT
IC5V
VH
Y5
CN2501
To SCAN ASSY
(Lower)
IC2501,IC2502,
IC2505,IC2510,
IC2512,IC2513,
IC2514,IC2525,
HCPL-M611
CN2502
To SCAN ASSY
(Upper)
IC2506
TC74ACT540FT
OC2-2
IC2516
HCPL-M611
IC2503
TC74ACT540FT
Y3
Pulse Module
(STK795-460)
IC2206
Pulse Module
(STK795-460)
IC2214
SUS muteDET.
circuit
+13.5V
-9V
IC2005
TC74ACT541FT
IC2004
TC74ACT541FT
OC2-2
PN_MUTE
YPR-U1
YPR-U2
YSUS-B
YSUS-U
YSUS-D
YOFS
YSUS-G
YCP-MSK
YSUS-MSK
YSOFT-D
DEW_DET
Y2
IC2007
TC74ACT540FT
IC2006
PE1013
Q2102
Dew DET.
circuit
IC2005
TC74ACT541FT
YCP-MSK
charge pump
circuit
YSUS-MSK
YSOFT-D
IC2202
HCPL-M611
YOFS
IC2208
HCPL-M611
Vsus
P.D.
DET.
+15V
D. GND
+13.5V
-9V
YDRIVE_PD
YDC_DC_PD
VOFS_ADJ
VSUS
VSUS
SUSGND
SUSGND
SUSGND
IC5V, VF
D-D CONV.
IC5V
VF+
VF-
IC5V UVP
D. GND
VOFS UVP
VOFS OVP
VOFS D-D
CONV.
VOFS
VH UVP
VH OVP
VH D-D CONV.
VH
5V
15V
Vsus
SUSOUT A
37-40
29,30
SUSOUT B
37-40
29,30
5V
15V
Vsus
K2203
K2212
VCP
IC2201
TC74ACT541FT
2-9
11-18
VSUS
YPR-U1
YPR-U2
IC2203
TND301S
Q2204
Q2205
IC2212
TND301S
Q2219
Q2218
Q2215
K2220
PSUS
TO
Y CONNECTOR
ASS'Y
IC2213
TND301S
Q2221
Q2220
IC2216
TND301S
Q2217
Q2226
Q2227
IC2217
TND301S
Q2233
Q2232
PSUS
Q2210
SUSGND
IC2204
TND301S
Q2211
Q2212
IC2210
TND301S

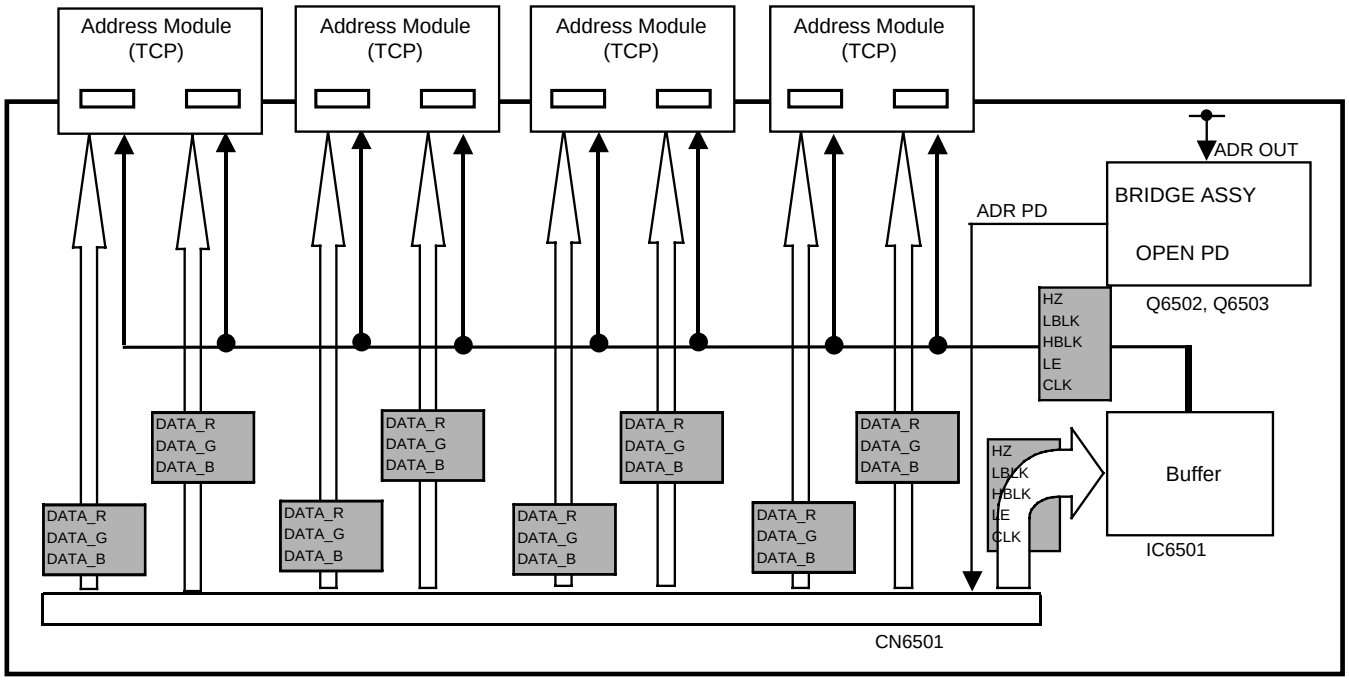
■ SUB ADDRESS A and B ASSYS



■ ADR RESONANCE ASSY



■ ADR CONNECT A, B, C and D ASSYS



■ AUDIO AMP and SP TERMINAL ASSYS

AUDIO AMP ASSY

IC5202 (CXA2021S)

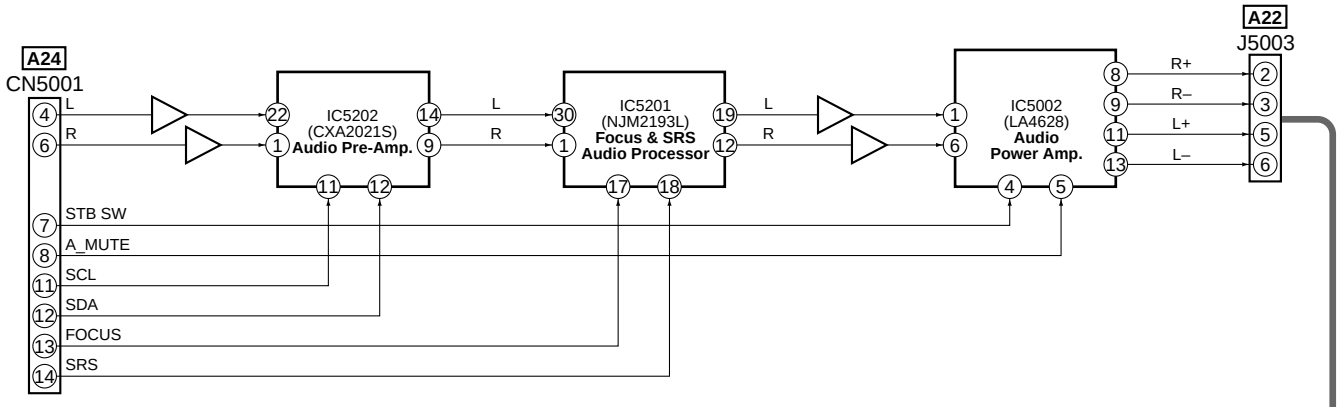
No.	Voltage (V)	No.	Voltage (V)
1	5.9	12	5.25
2	0	13	1.73
3	5.95	14	5.95
4	5.94	15	5.92
5	5.98	16	5.91
6	6.02	17	5.93
7	6.02	18	5.92
8	7.38	19	5.94
9	5.95	20	5.95
10	1.55	21	11.91
11	5.24	22	5.9

IC5201 (NJM2193L)

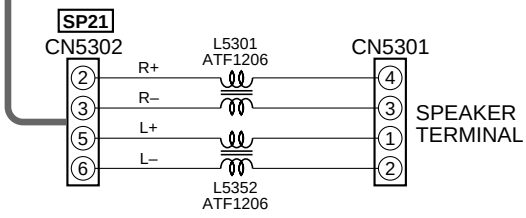
No.	Voltage (V)	No.	Voltage (V)
1	5.95	16	11.91
2	5.94	17	0
3	5.84	18	0
4	5.98	19	5.98
5	5.98	20	5.91
6	5.97	21	5.97
7	5.98	22	5.98
8	5.98	23	5.98
9	5.98	24	5.98
10	5.97	25	5.97
11	5.97	26	5.98
12	5.98	27	5.98
13	5.96	28	5.84
14	5.98	29	5.94
15	0	30	5.95

IC5002 (LA4628)

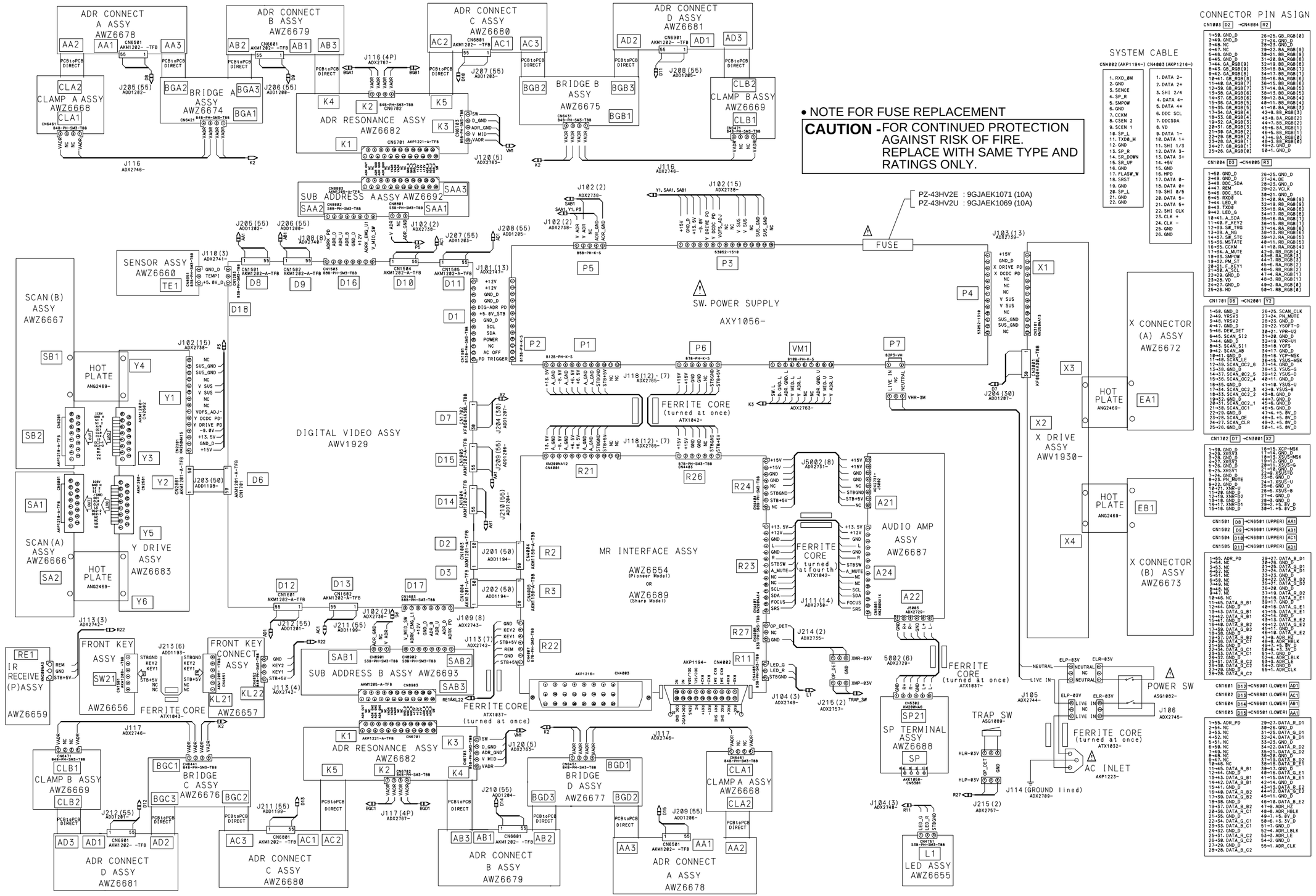
No.	Voltage (V)
1	1.6
2	7.5
3	0
4	3.37
5	2.29
6	1.6
7	1.97
8	7.3
9	7.3
10	0
11	7.3
12	0
13	7.3
14	15



SP TERMINAL ASSY



OVERALL WIRING DIAGRAM



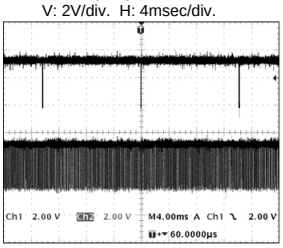
- NOTE FOR FUSE REPLACEMENT

CAUTION - FOR CONTINUED PROTECTION AGAINST RISK OF FIRE. REPLACE WITH SAME TYPE AND RATINGS ONLY.

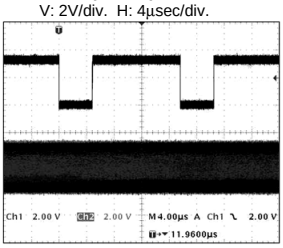
WAVEFORMS

DIGITAL VIDEO ASSY

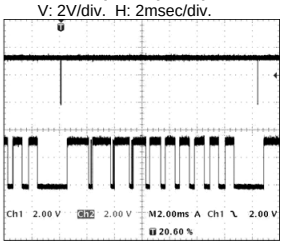
1 **K1327 (VDI)**
K1328 (HDI)
V: 2V/div. H: 4msec/div.



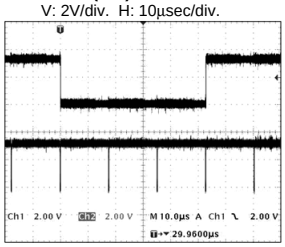
4 **K1326 (DEI)**
K1333 (VCLKL)
V: 2V/div. H: 4µsec/div.



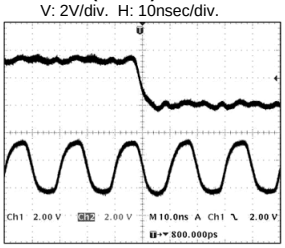
8 **K1308 (VDRB)**
IC1501 - pin 15 (LBLK)
V: 2V/div. H: 2msec/div.



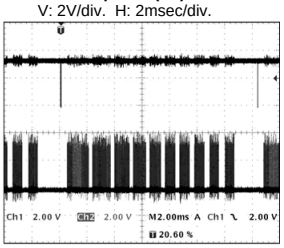
1 **K1327 (VDI)**
K1328 (HDI)
V: 2V/div. H: 10µsec/div.



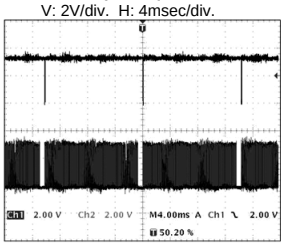
4 **K1326 (DEI)**
K1333 (VCLKL)
V: 2V/div. H: 10nsec/div.



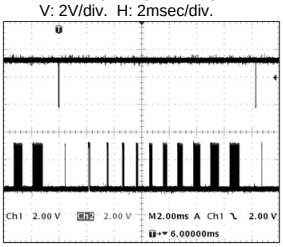
9 **K1308 (VDRB)**
IC1501 - pin 13 (LE)
V: 2V/div. H: 2msec/div.



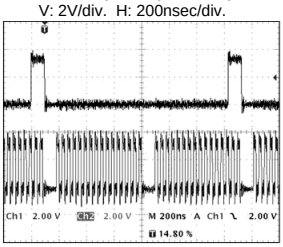
2 **K1327 (VDI)**
CN1004 pin 49 (R DIGITAL VIDEO)
V: 2V/div. H: 4msec/div.



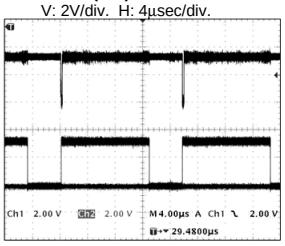
5 **K1308 (VDRB)**
R1713 - pin 7 (XSUS_B)
V: 2V/div. H: 2msec/div.



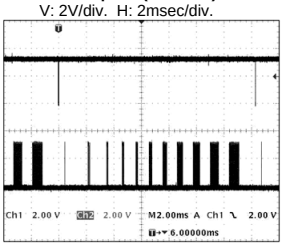
10 **IC1501 - pin 13 (LE)**
IC1501 - pin 11 (ADRCLK)
V: 2V/div. H: 200nsec/div.



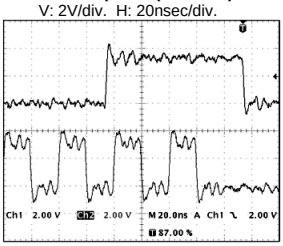
3 **K1328 (HDI)**
K1326 (DEI)
V: 2V/div. H: 4µsec/div.



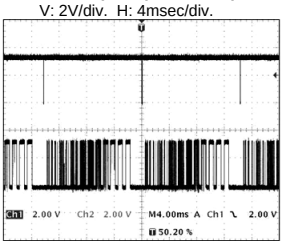
6 **K1308 (VDRB)**
R1703 - pin 8 (YSUS_B)
V: 2V/div. H: 2msec/div.



10 **IC1501 - pin 13 (LE)**
IC1501 - pin 11 (ADRCLK)
V: 2V/div. H: 20nsec/div.

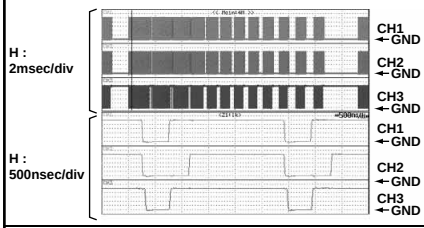


7 **K1308 (VDRB)**
R1343 - pin 8 (RDAT_DL0)
V: 2V/div. H: 4msec/div.

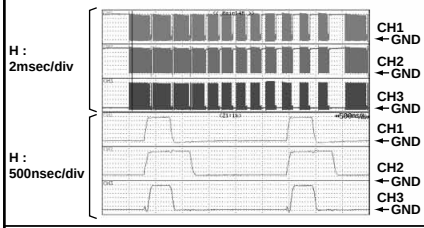


ADR RESONANCE ASSY

1 **CH1 : IC6702 - pin 2**
CH2 : IC6701 - pin 2
CH3 : IC6703 - pin 2
V: 1V/div.
(Input : VIDEO, Signal : Color bar)



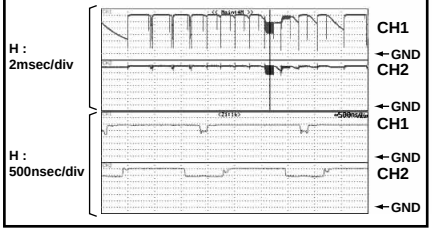
2 **CH1 : D6706 Cathode**
CH2 : D6703 Cathode
CH3 : D6708 Cathode
V: 2V/div.
(Input : VIDEO, Signal : Color bar)



3 **CH1 : Q6706 Drain**
CH2 : Q6710 Soruse
V: 10V/div.
(Input : VIDEO, Signal : Color bar)

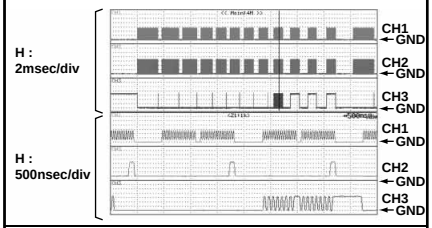
4 **CH1 : Q6706 Drain**
CH2 : Q6710 Soruse
V: 10V/div.
(Input : PC, Signal : Color bar)

5 **CH1 : Q6708 Drain**
CH2 : Q6710 Drain
V: 10V/div.
(Input : VIDEO, Signal : Color bar)

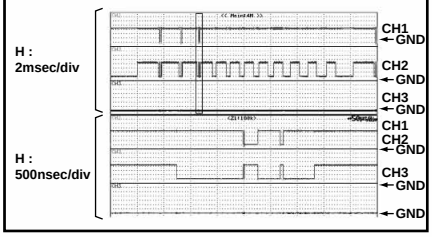


ADR CONNECT A - D ASSY

1 **CH1 : IC6501 - pin 8 (CLK)**
CH2 : IC6501 - pin 6 (LE)
CH3 : IC6501 - (DATA)
V: 1V/div.
(Input : VIDEO, Signal : Color bar)

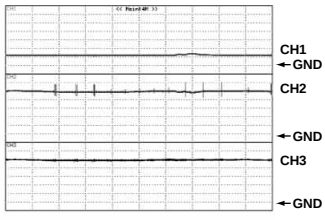


2 **CH1 : IC6501 - pin 5 (HBLK)**
CH2 : IC6501 - pin 3 (LBLK)
CH3 : IC6501 - pin 2 (HZ)
V: 1V/div.
(Input : VIDEO, Signal : Color bar)

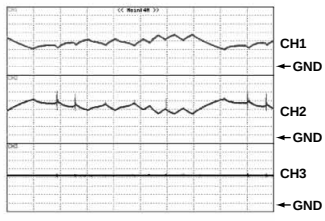


SUB ADDRESS A, B ASSY

1 **CH1 : IC8801 - pin 3**
CH2 : IC8801 - pin 7
CH3 : IC8802 - pin 1
V: 2V/div. H: 2msec/div.
(Input : VIDEO, Signal : Color bar)



2 **CH1 : IC8801 - pin 3**
CH2 : IC8801 - pin 7
CH3 : IC8802 - pin 1
V: 2V/div. H: 2msec/div.
(Input : VIDEO, Signal : Color bar)



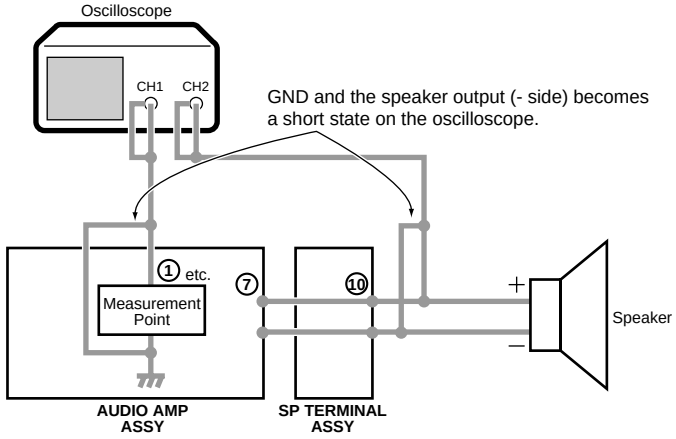
AUDIO SECTION

● Measurement condition

Video Input Signal : FULL FIELD COLOR-BAR
Audio Input Signal : 1kHz Sine Carve 0.2Vrms
Volume : 60 (MAX)
AV Selection : STANDARD
SRS : OFF
FOCUS : OFF

● Caution in the measurement

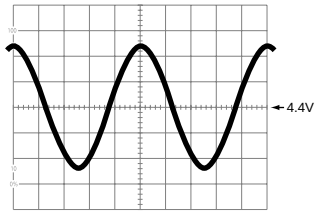
Audio Power Amp. (IC5002: LA4628) on the AUDIO AMP Assy is BTL system, and, as for the power amplifier and the speaker output, ± poles becomes hot for the ground. Therefore be careful not to connect the measuring instrument as the following figures. (Power amplifier may be damaged.)



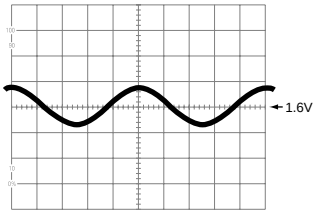
Wrong connection example

AUDIO AMP ASSY

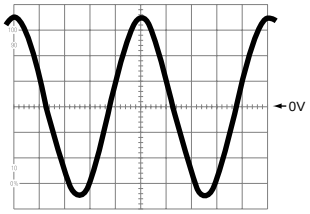
1 **CN5001 - pin 4 (L) ↔ GND**
V: 0.1V/div. H: 0.2msec/div.



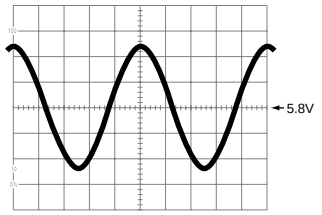
4 **IC5002 - pin 1 (IN1) ↔ GND**
V: 0.1V/div. H: 0.2msec/div.



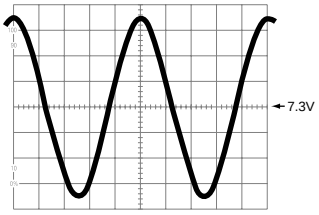
7 **J5003 - pin 5 (L+) ↔ pin 6 (L–)**
V: 2V/div. H: 0.2msec/div.



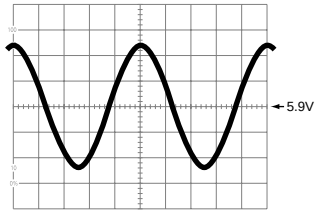
2 **IC5202 - pin 14 (LOUT) ↔ GND**
V: 0.1V/div. H: 0.2msec/div.



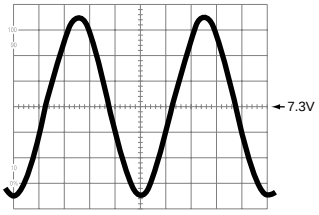
5 **J5003 - pin 5 (L+) ↔ GND**
V: 1V/div. H: 0.2msec/div.



3 **IC5201 - pin 19 (FOCUSOUTL) ↔ GND**
V: 0.1V/div. H: 0.2msec/div.

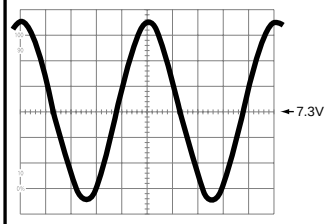


6 **J5003 - pin 6 (L–) ↔ GND**
V: 1V/div. H: 0.2msec/div.

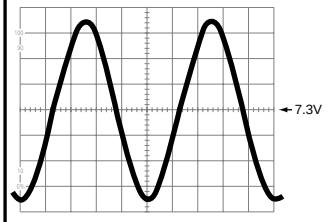


SP TERMINAL ASSY

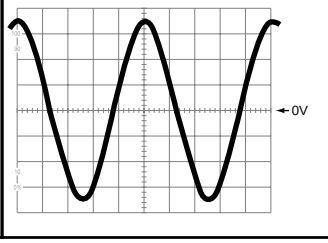
8 **CN5301 - pin 1 (L+) ↔ GND**
V: 1V/div. H: 0.2msec/div.



9 **CN5301 - pin 2 (L–) ↔ GND**
V: 1V/div. H: 0.2msec/div.



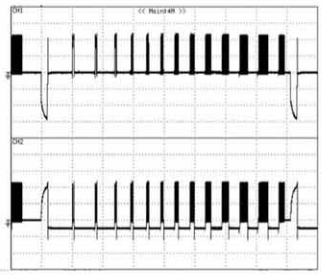
10 **CN5301 - pin 1 (L+) ↔ pin 2 (L–)**
V: 2V/div. H: 0.2msec/div.



Sustain Waveforms

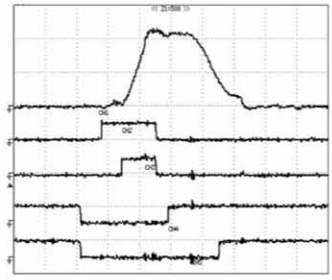
● Sustain Waveform (1 field)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 100V/div. H: 2msec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 2msec/div.



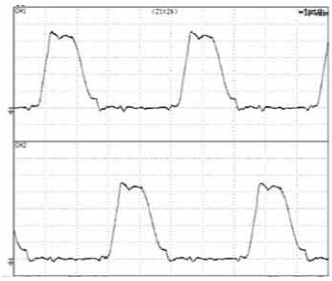
● Sustain Waveform

ch 1 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 500nsec/div.
ch 2 : K2028 (YSUS_U) - K2024 (DGND)
V: 10V/div. H: 500nsec/div.
ch 3 : K2027 (YSUS_B) - K2024 (DGND)
V: 10V/div. H: 500nsec/div.
ch 4 : K2029 (YSUS_D) - K2024 (DGND)
V: 10V/div. H: 500nsec/div.
ch 5 : K2037 (YSUS_G) - K2024 (DGND)
V: 10V/div. H: 500nsec/div.



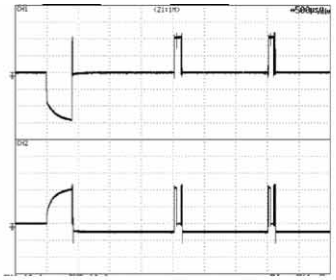
● Sustain Waveform (1 field)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 50V/div. H: 1µsec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 50V/div. H: 1µsec/div.



● Sustain Waveform (1 sub-field)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 100V/div. H: 500µsec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 500µsec/div.

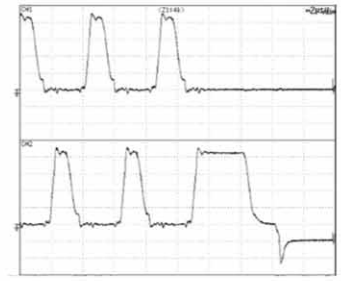


● Sustain Waveform (sustain)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 50V/div. H: 5µsec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 50V/div. H: 5µsec/div.

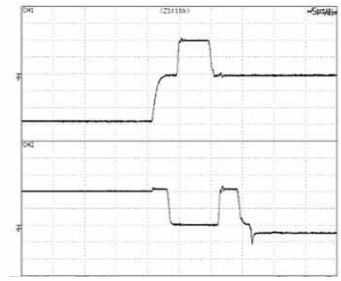
● Sustain Waveform (sustain)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 50V/div. H: 2µsec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 50V/div. H: 2µsec/div.



● Sustain Waveform (reset pulse)

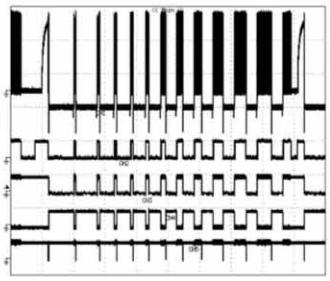
ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 100V/div. H: 5µsec/div.
ch 2 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 5µsec/div.



Drive Pulse Waveforms

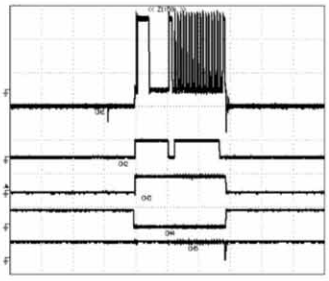
● Y Drive Pulse Control Waveform (1 field)

ch 1 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 2msec/div.
ch 2 : K2039 (YCP_MSK) - K2024 (DGND)
V: 10V/div. H: 2msec/div.
ch 3 : K2040 (YSUS_MSK) - K2024 (DGND)
V: 10V/div. H: 2msec/div.
ch 4 : K2041 (OFS) - K2024 (DGND)
V: 10V/div. H: 2msec/div.
ch 5 : K2053 (SOFT_D) - K2024 (DGND)
V: 10V/div. H: 2msec/div.



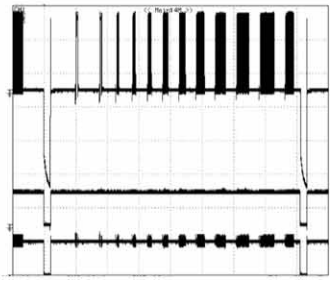
● Y Drive Pulse Control Waveform (1 sub-field)

ch 1 : K2220 (Y.PSUS) - K2219 (SUSGND)
V: 100V/div. H: 50µsec/div.
ch 2 : K2039 (YCP_MSK) - K2024 (DGND)
V: 10V/div. H: 50µsec/div.
ch 3 : K2040 (YSUS_MSK) - K2024 (DGND)
V: 10V/div. H: 50µsec/div.
ch 4 : K2041 (OFS) - K2024 (DGND)
V: 10V/div. H: 50µsec/div.
ch 5 : K2053 (SOFT_D) - K2024 (DGND)
V: 10V/div. H: 50µsec/div.

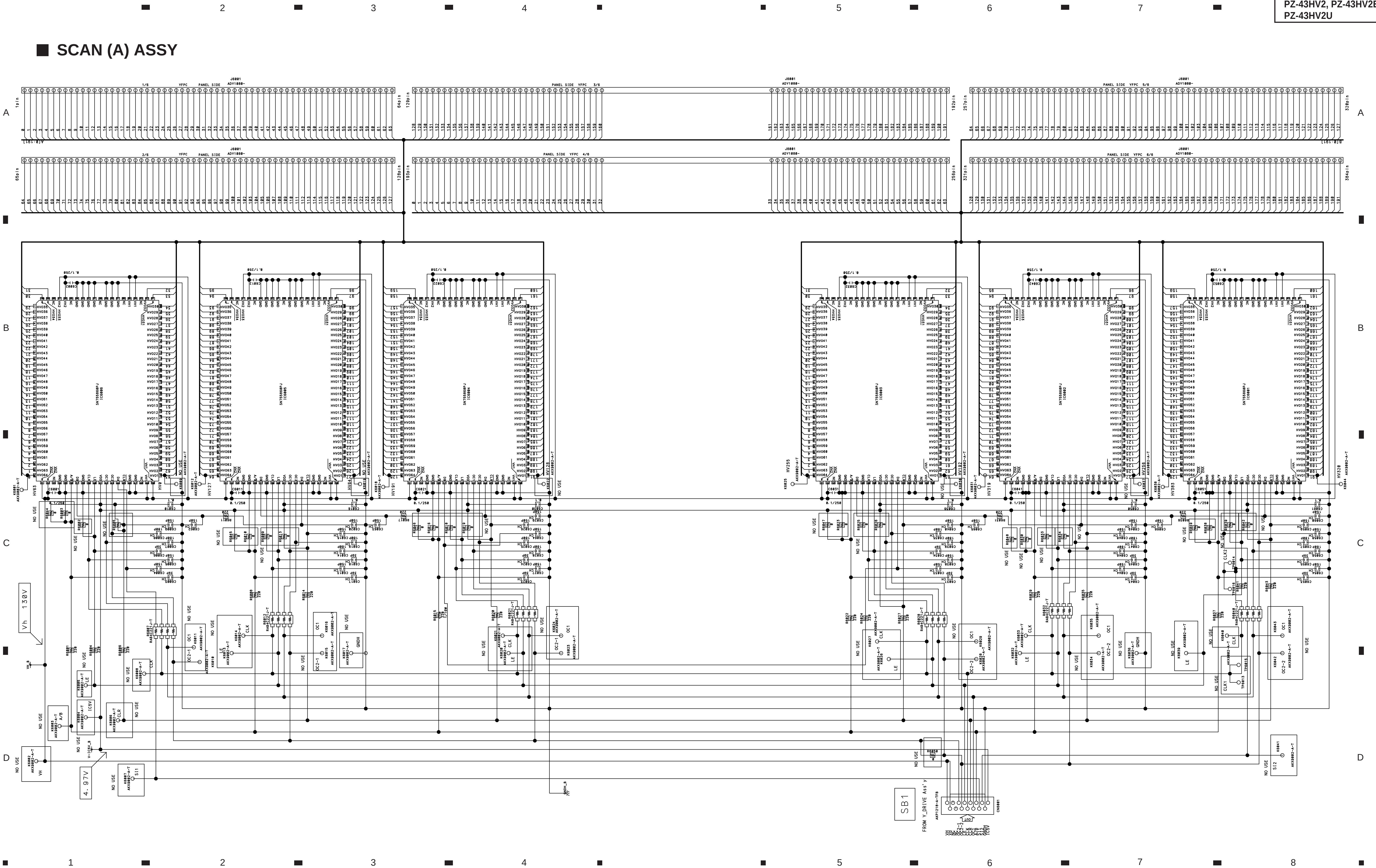


● X Drive Pulse Control Waveform (1 field)

ch 1 : K3107 (X.PSUS) - K3201 (SUSGND)
V: 100V/div. H: 2msec/div.
ch 2 : K3017 (XCP_MSK) - K3005 (DGND)
V: 10V/div. H: 2msec/div.
ch 3 : K3015 (XSUS_MSK) - K3005 (DGND)
V: 5V/div. H: 2msec/div.



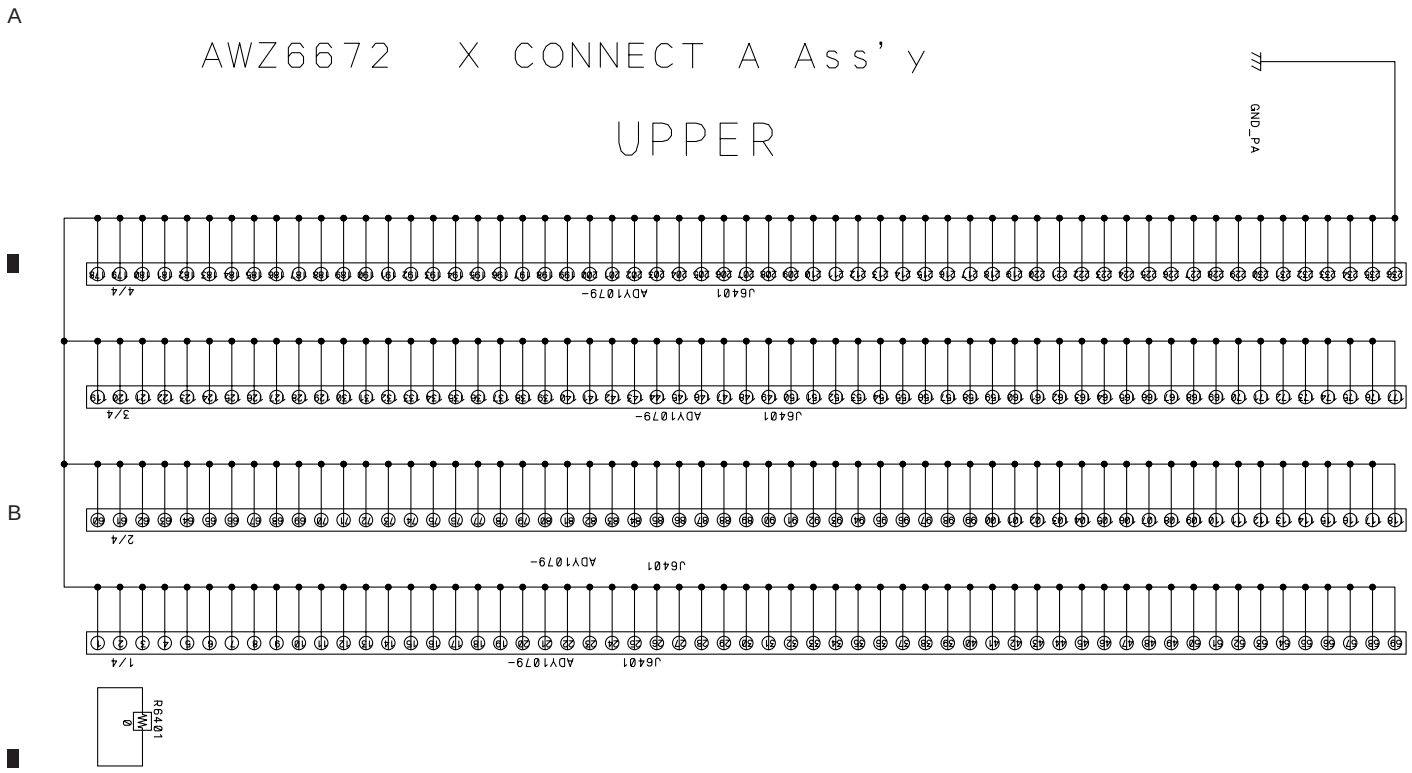
SCAN (A) ASSY

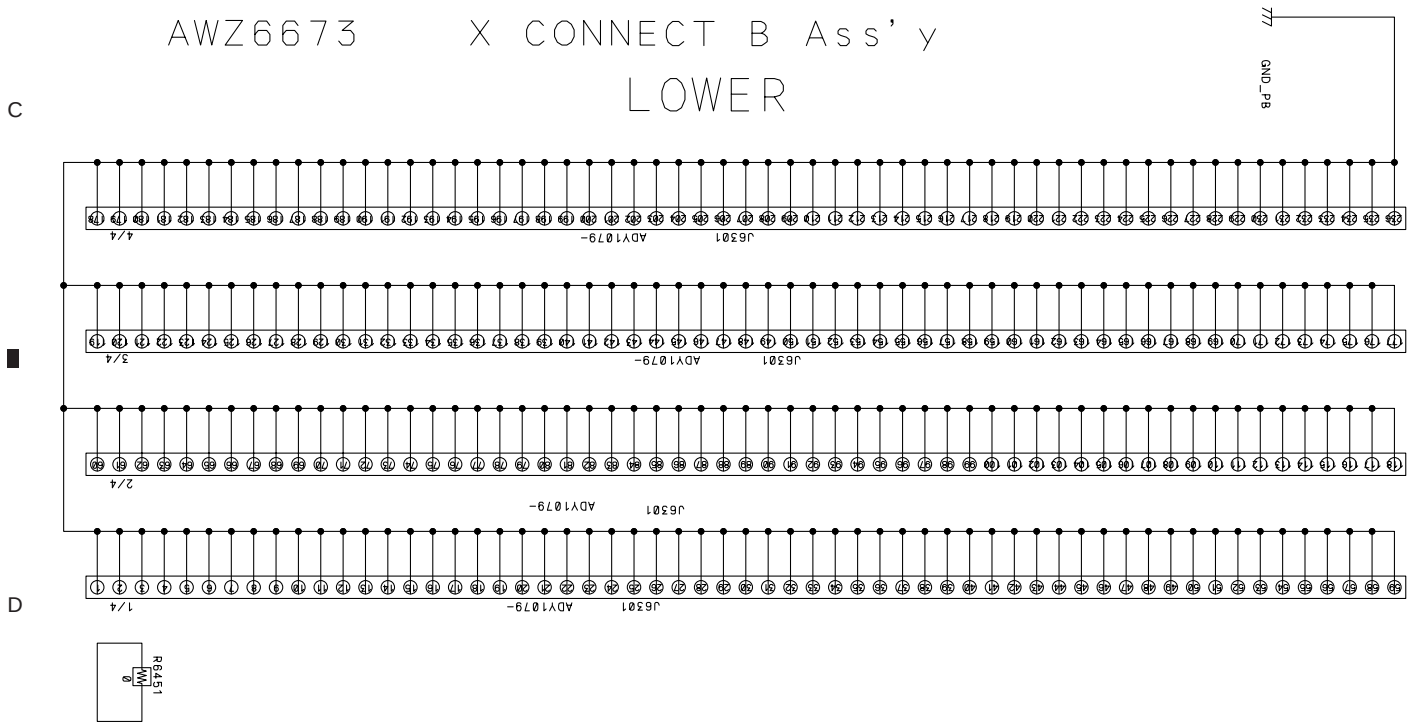


■ SCAN (B) ASSY

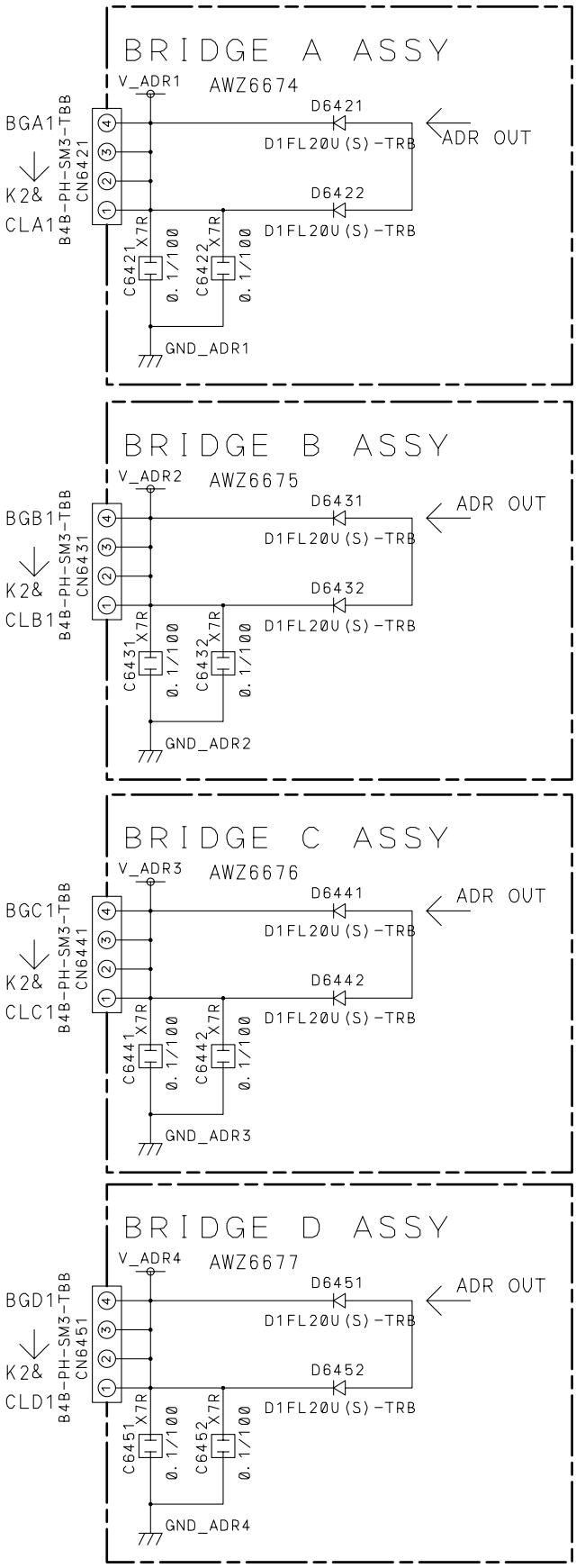

1/6
2/6
PANEL SIDE YFPC 3/6
PANEL SIDE YFPC 4/6
PANEL SIDE YFPC 5/6
PANEL SIDE YFPC 6/6
J6201
ADY1888-
SN75568PJ
Vh 130V
4.97V
FROM Y DRIVE Ass'y
SA1

■ X CONNECTOR (A) and (B) ASSYS

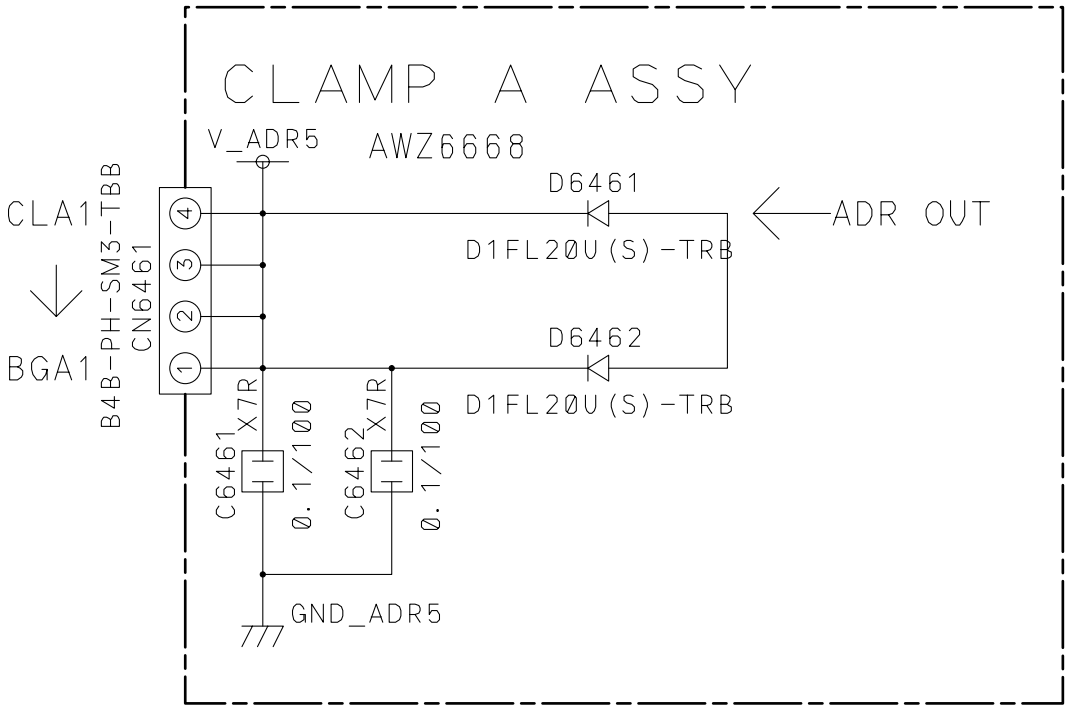


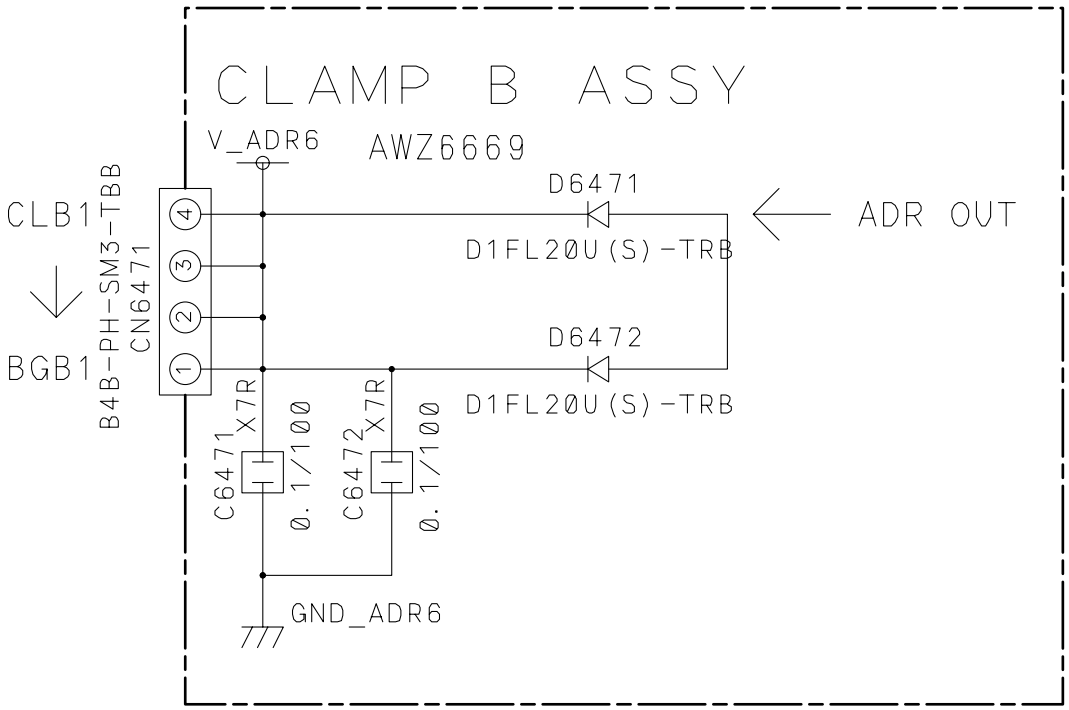


■ BRIDGE A - D ASSYS

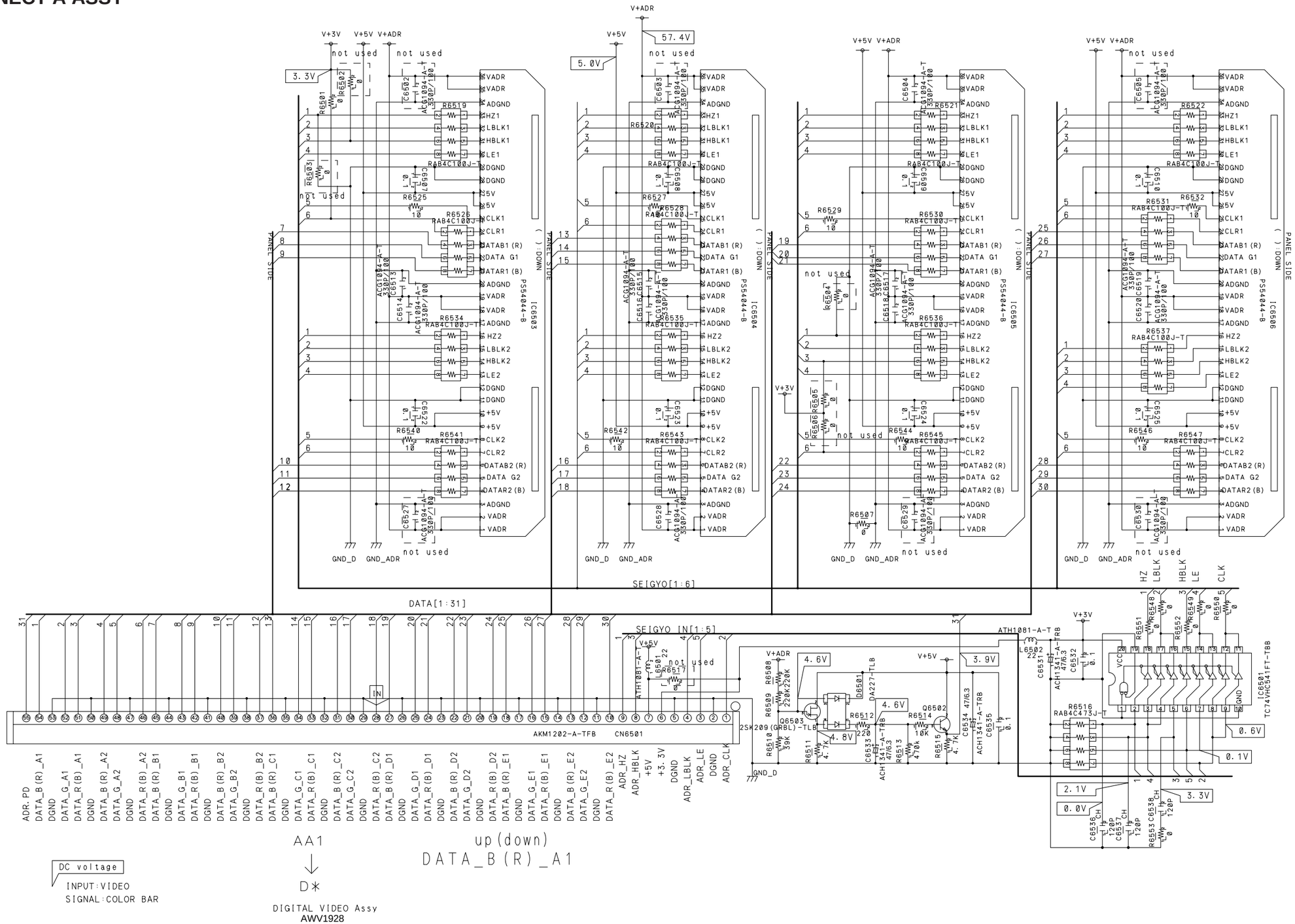


■ CLAMP A and B ASSYS

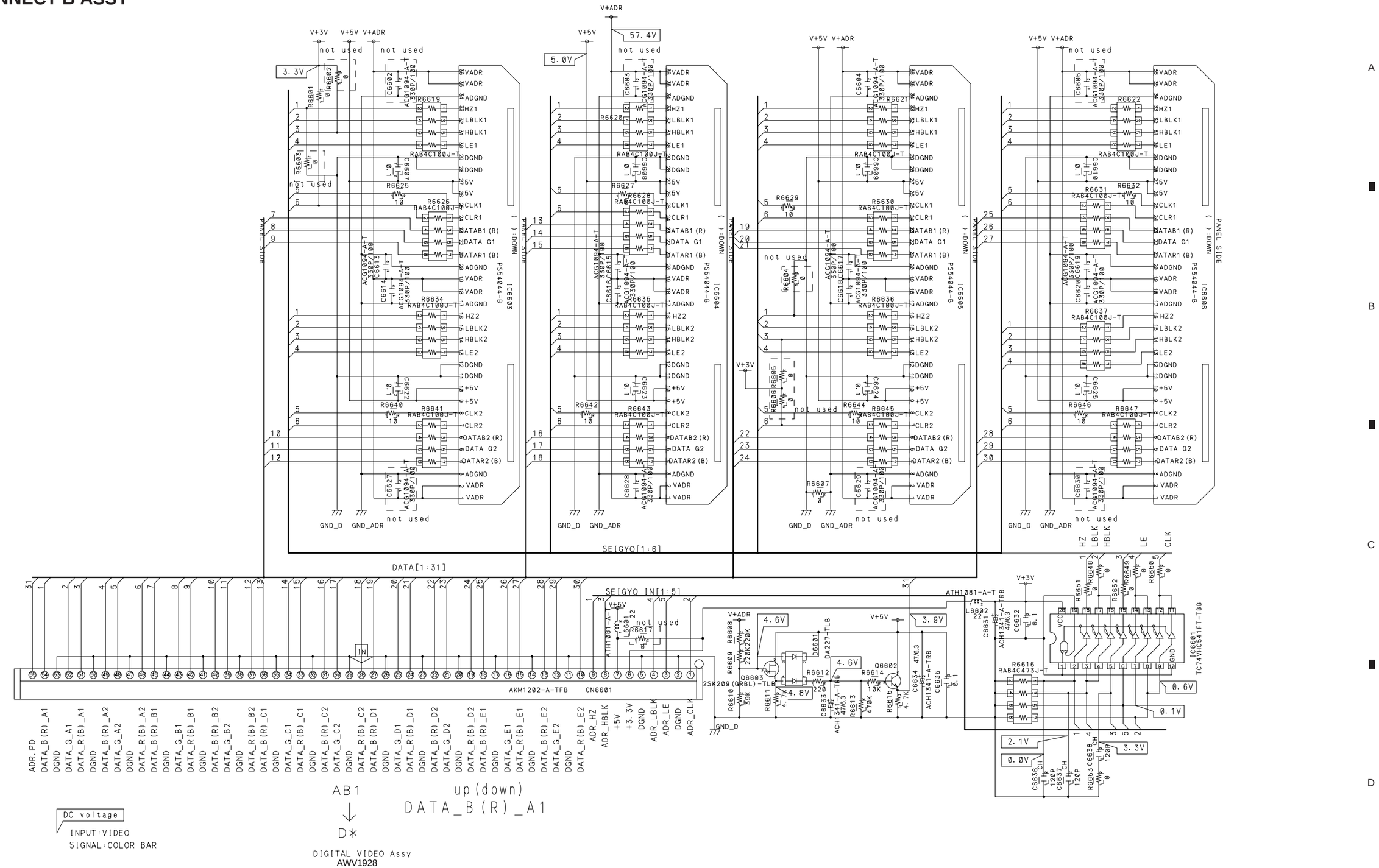




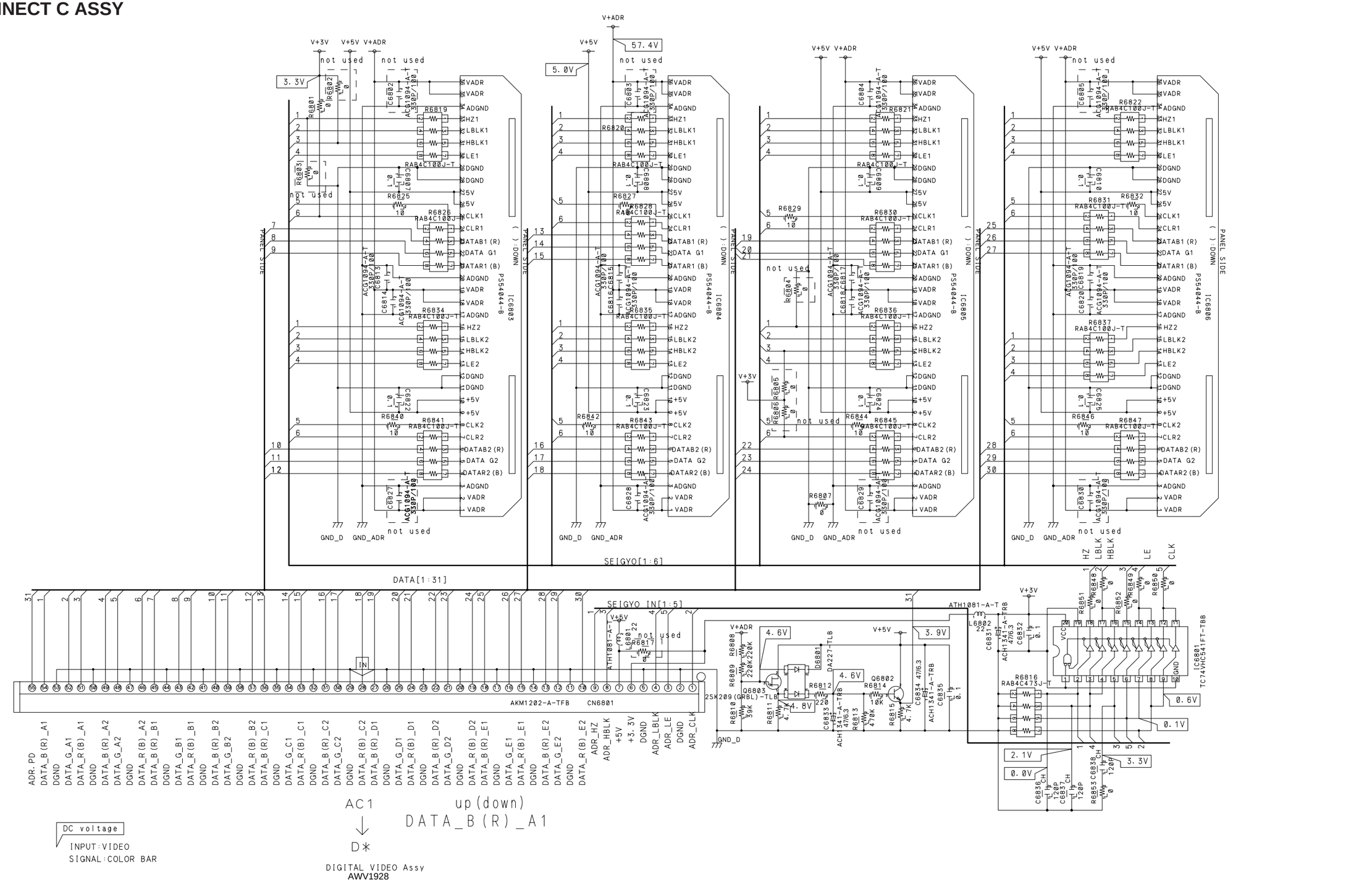
■ ADR CONNECT A ASSY



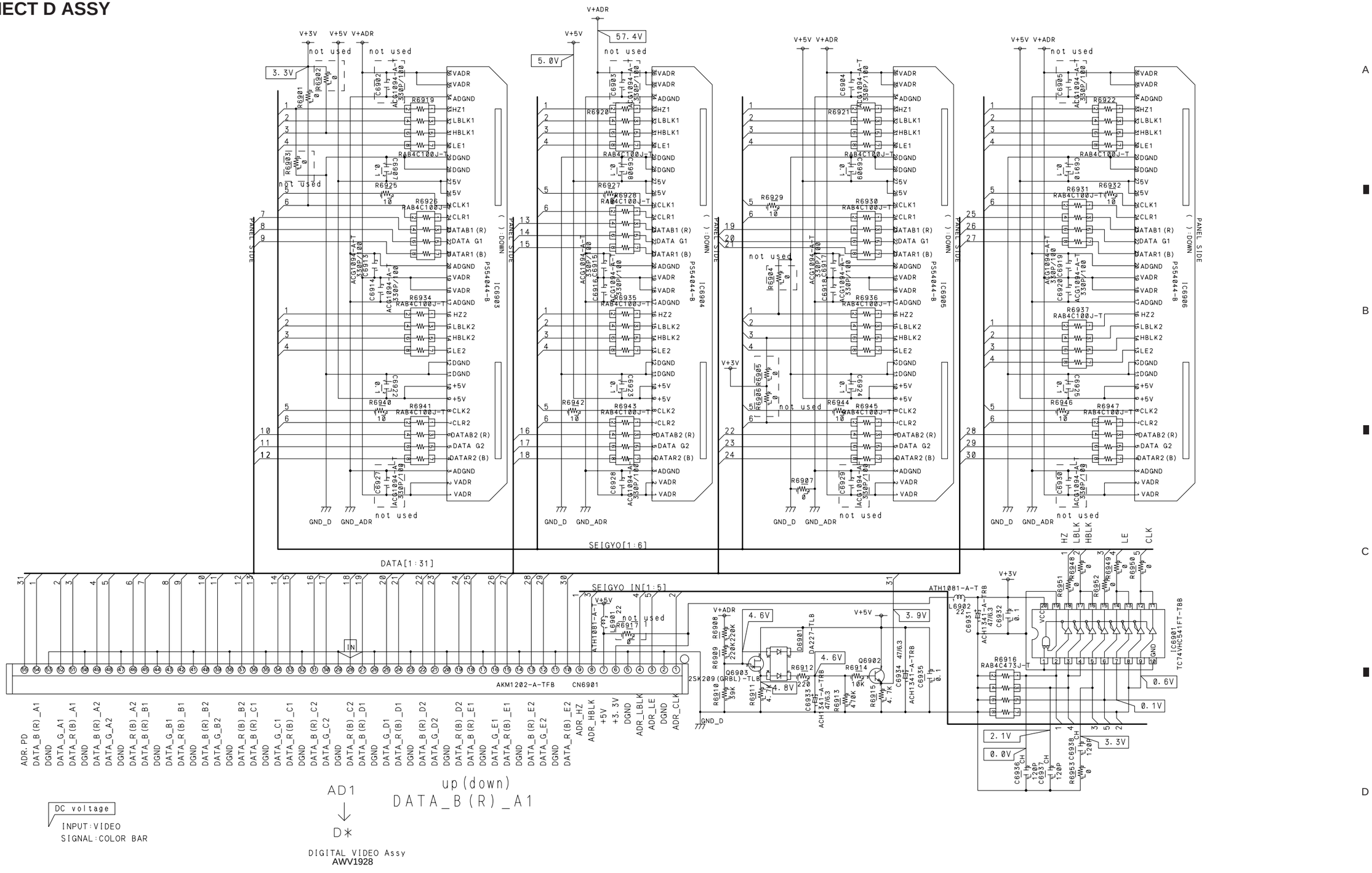
■ ADR CONNECT B ASSY



■ ADR CONNECT C ASSY

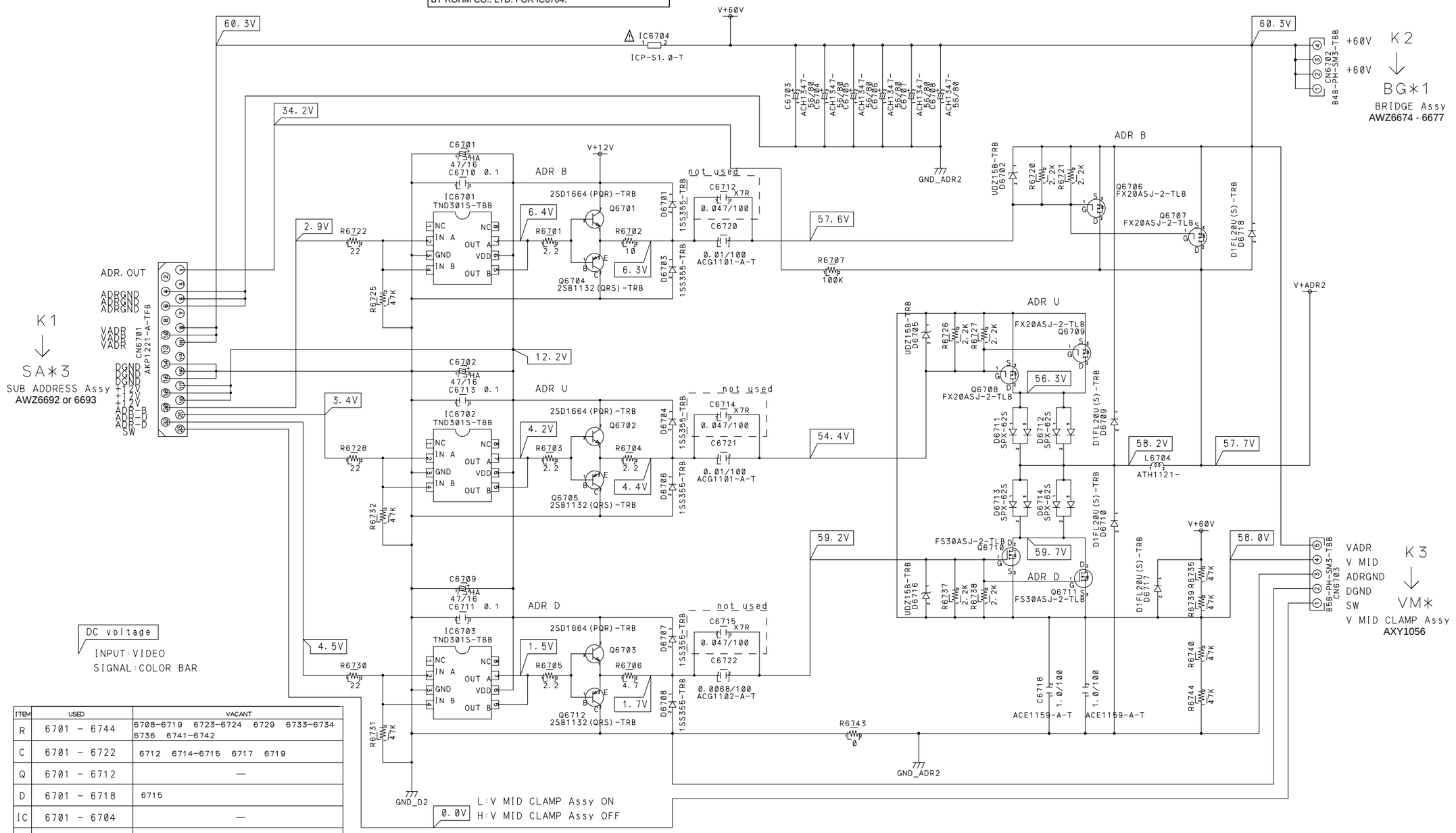


■ ADR CONNECT D ASSY



■ ADR RESONANCE ASSY

CAUTION :
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE.
REPLACE ONLY WITH SAME TYPE NO. ICP-S1.0 MFD
BY ROHM CO., LTD. FOR IC6704.

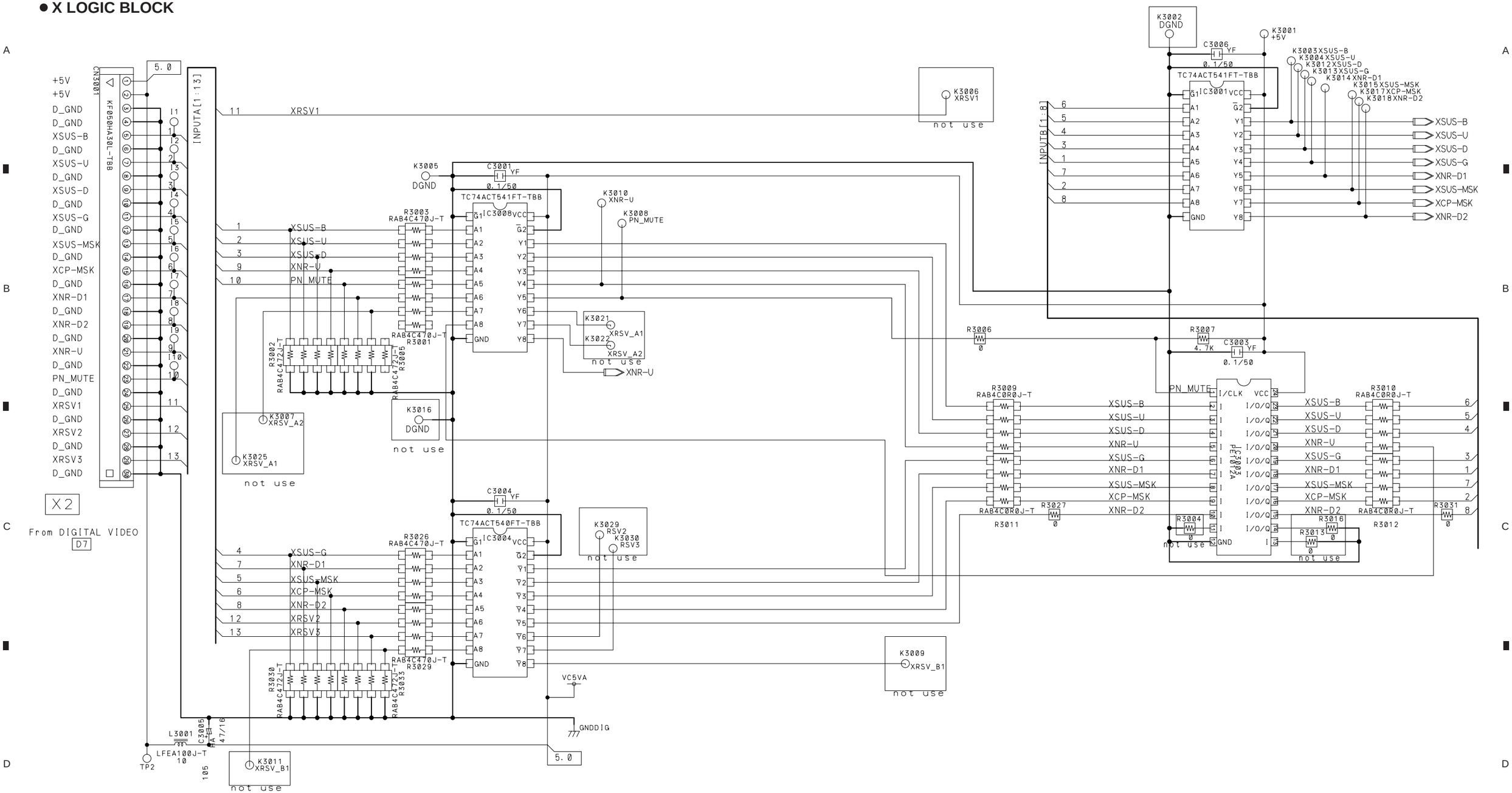


DC voltage
INPUT:VIDEO
SIGNAL:COLOR BAR

ITEM	USED	VACANT
R	6701 – 6744	6708–6719 6723–6724 6729 6733–6734 6736 6741–6742
C	6701 – 6722	6712 6714–6715 6717 6719
Q	6701 – 6712	—
D	6701 – 6718	6715
IC	6701 – 6704	—
CN	6701 – 6703	—
L	6704	—

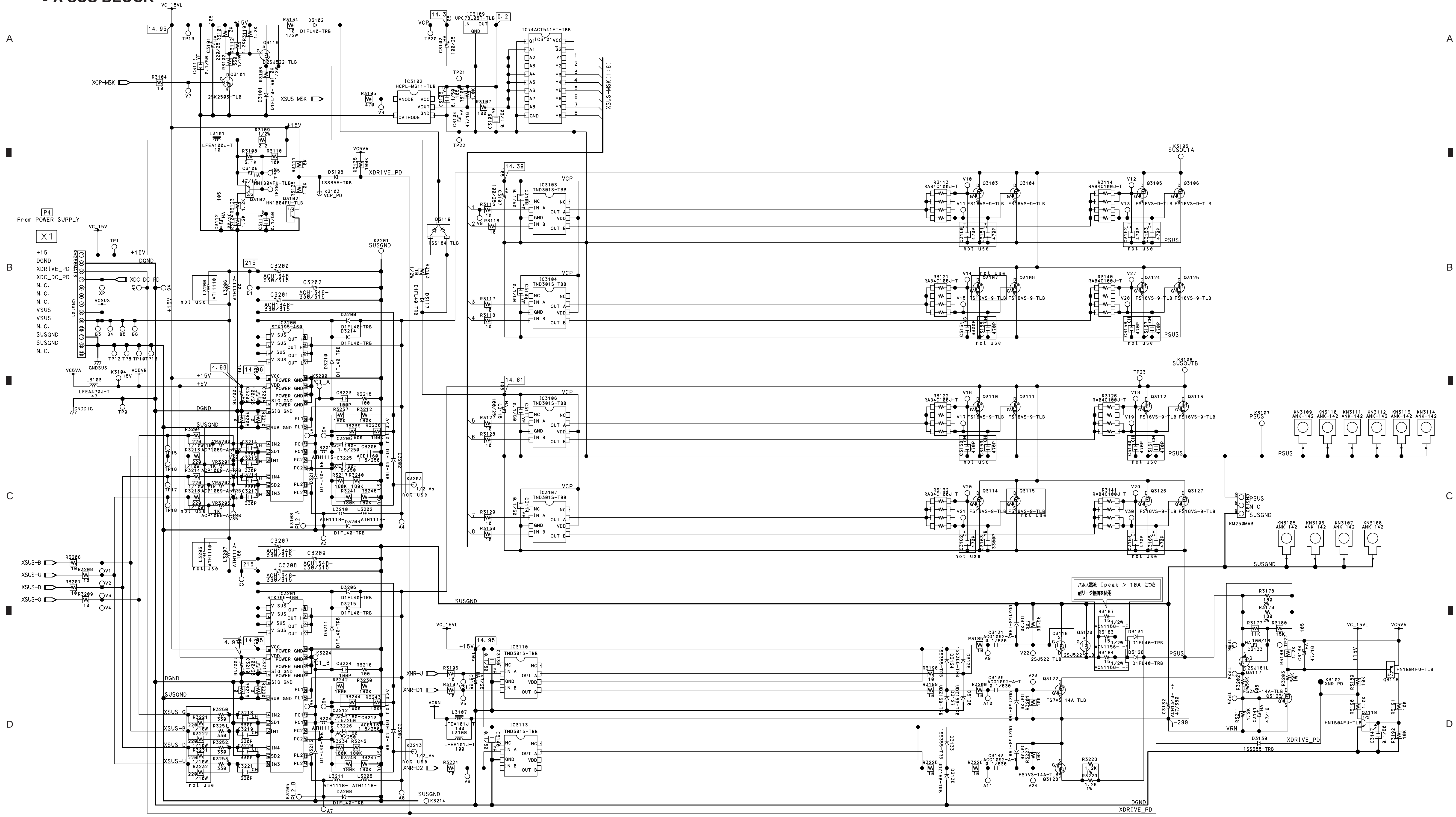
■ X DRIVE ASSY (1/2)

● X LOGIC BLOCK



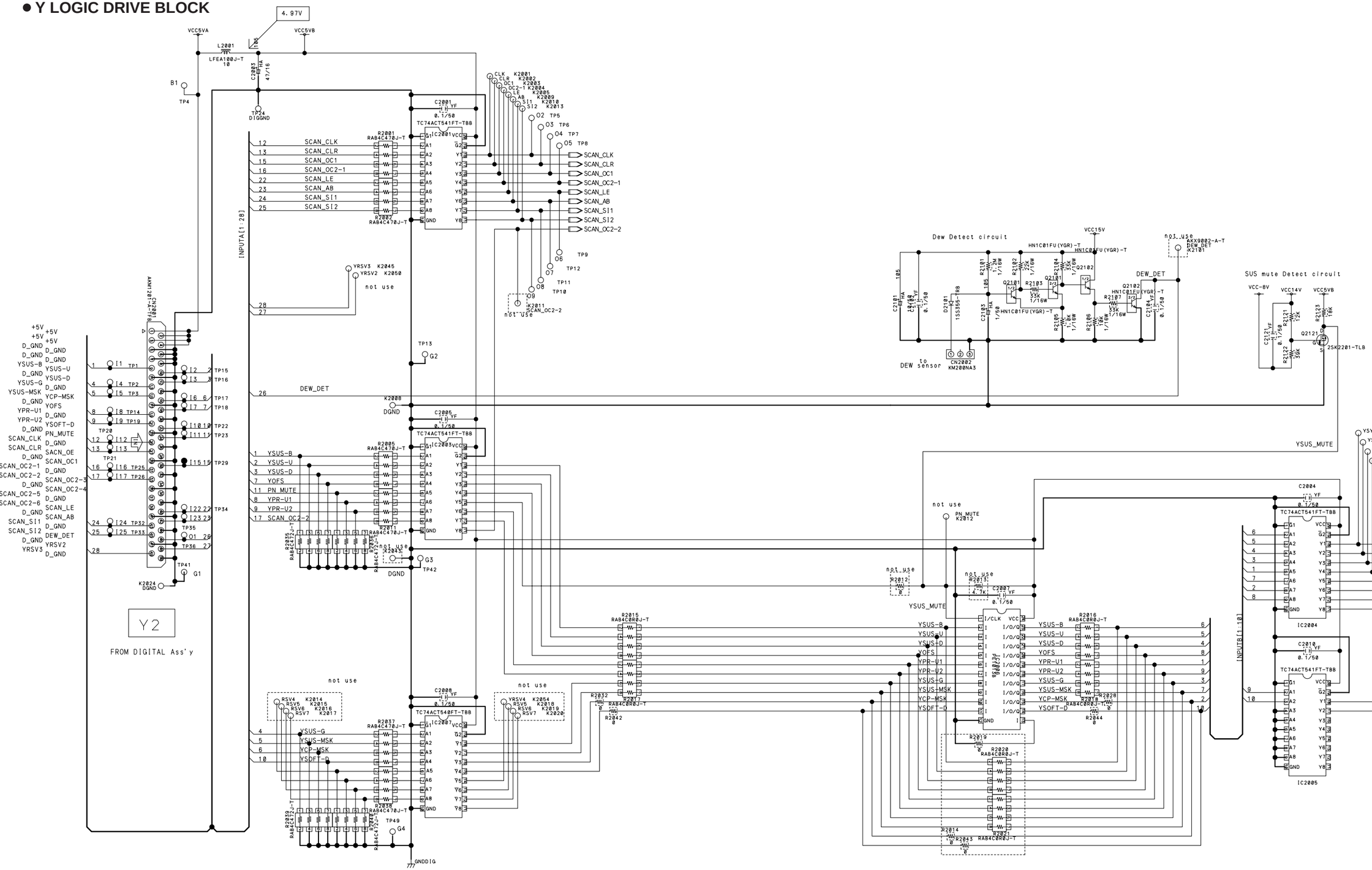
■ X DRIVE ASSY (2/2)

● X SUS BLOCK



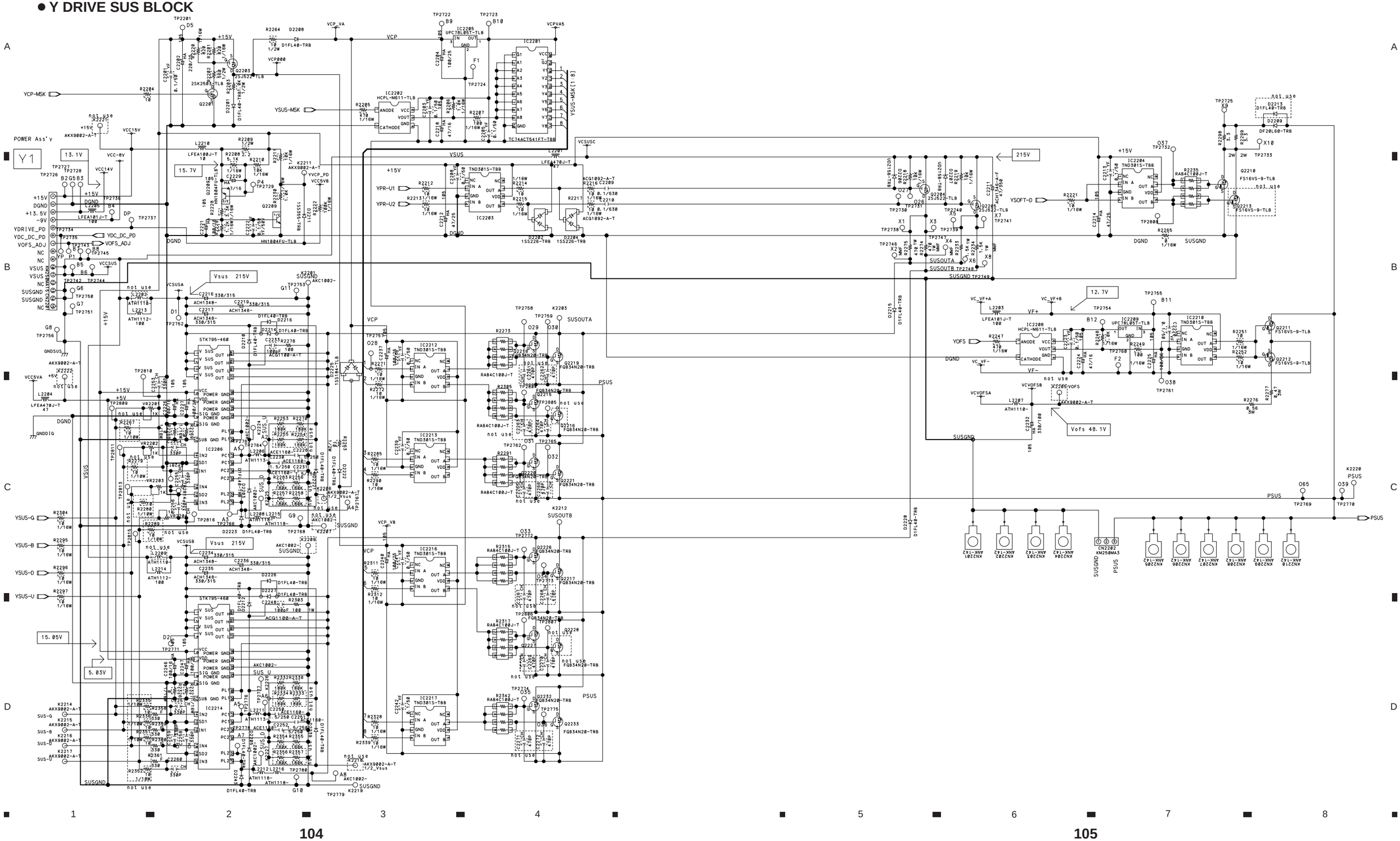
■ Y DRIVE ASSY (1/3)

● Y LOGIC DRIVE BLOCK



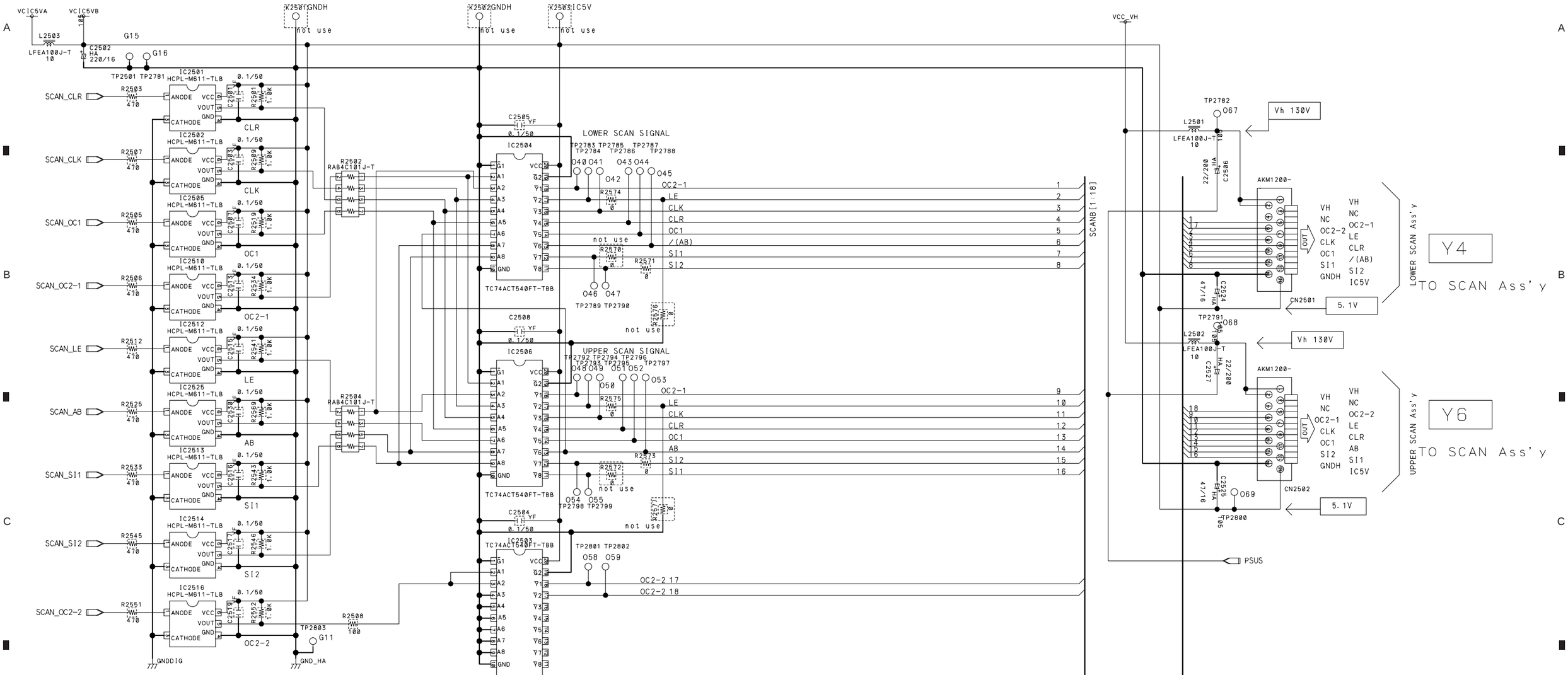
■ Y DRIVE ASSY (2/3)

● Y DRIVE SUS BLOCK



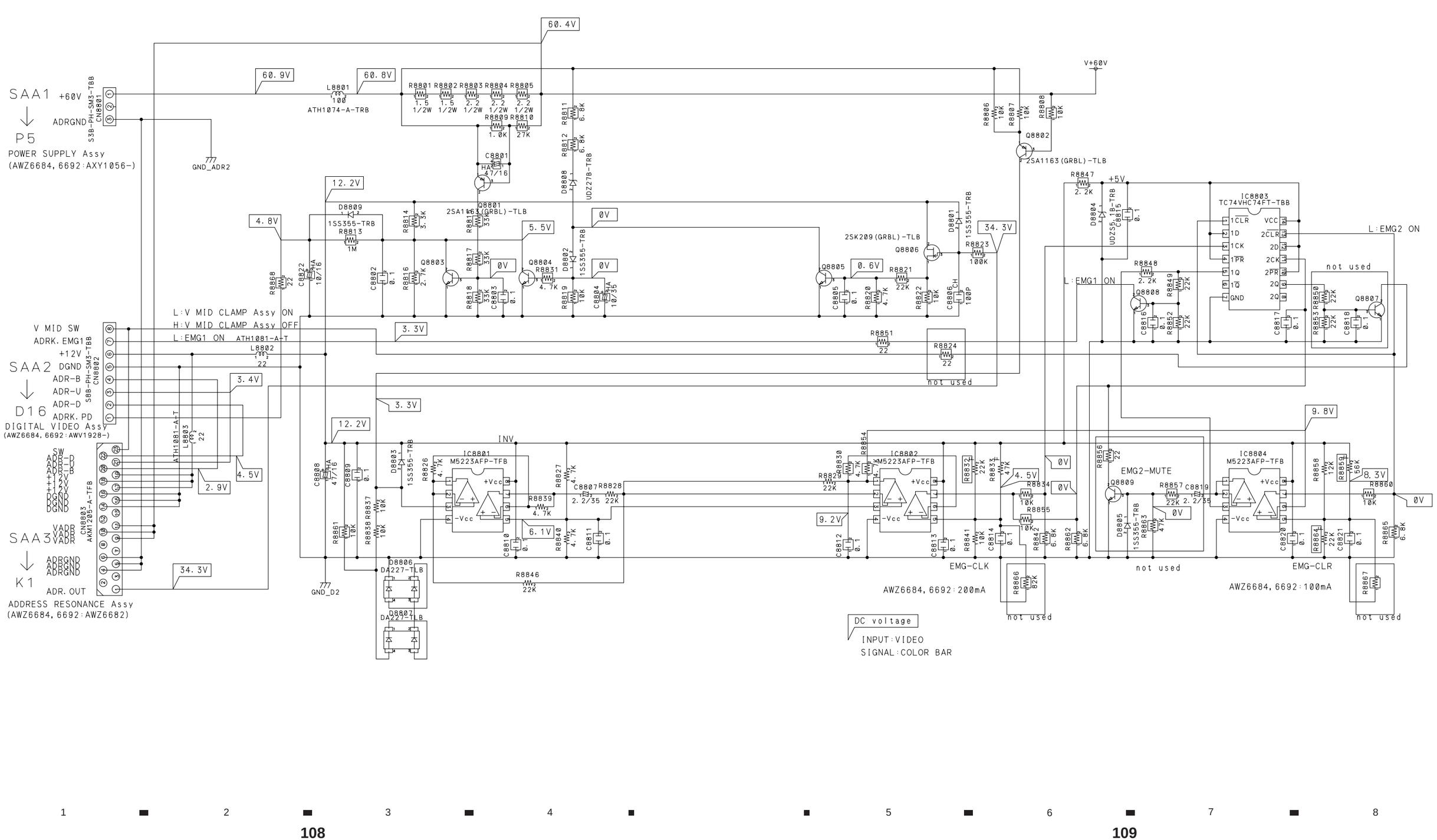
■ Y DRIVE ASSY (3/3)

● Y DRIVE SCAN BLOCK

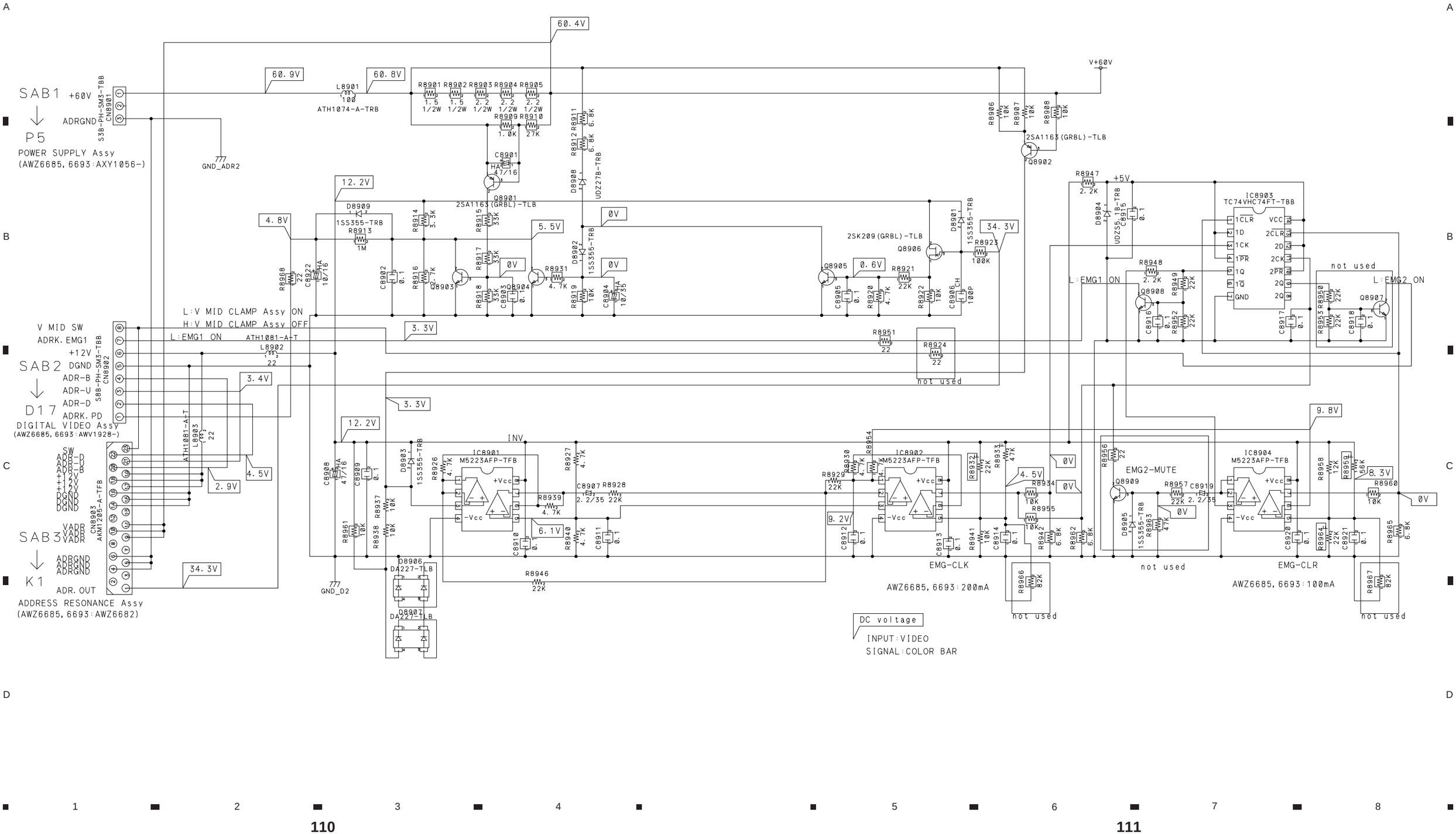


	USED	VACANT
R	2501-2577	2510-11, 2513-18, 2520-24, 2526-2532, 2535-2540, 2542, 2544 2547-2550, 2553-2568
C	2501-2530	2509-12, 2514, 2518, 2520-23, 2526, 2528-29
D		
IC	2501-2525	2507-09, 2511, 2515, 2517-24
CN	2501-2502	
Q	2201-2233	2202, 2206-08, 2214, 2222-25, 2229-31
L		
VR		

■ SUB ADDRESS A ASSY



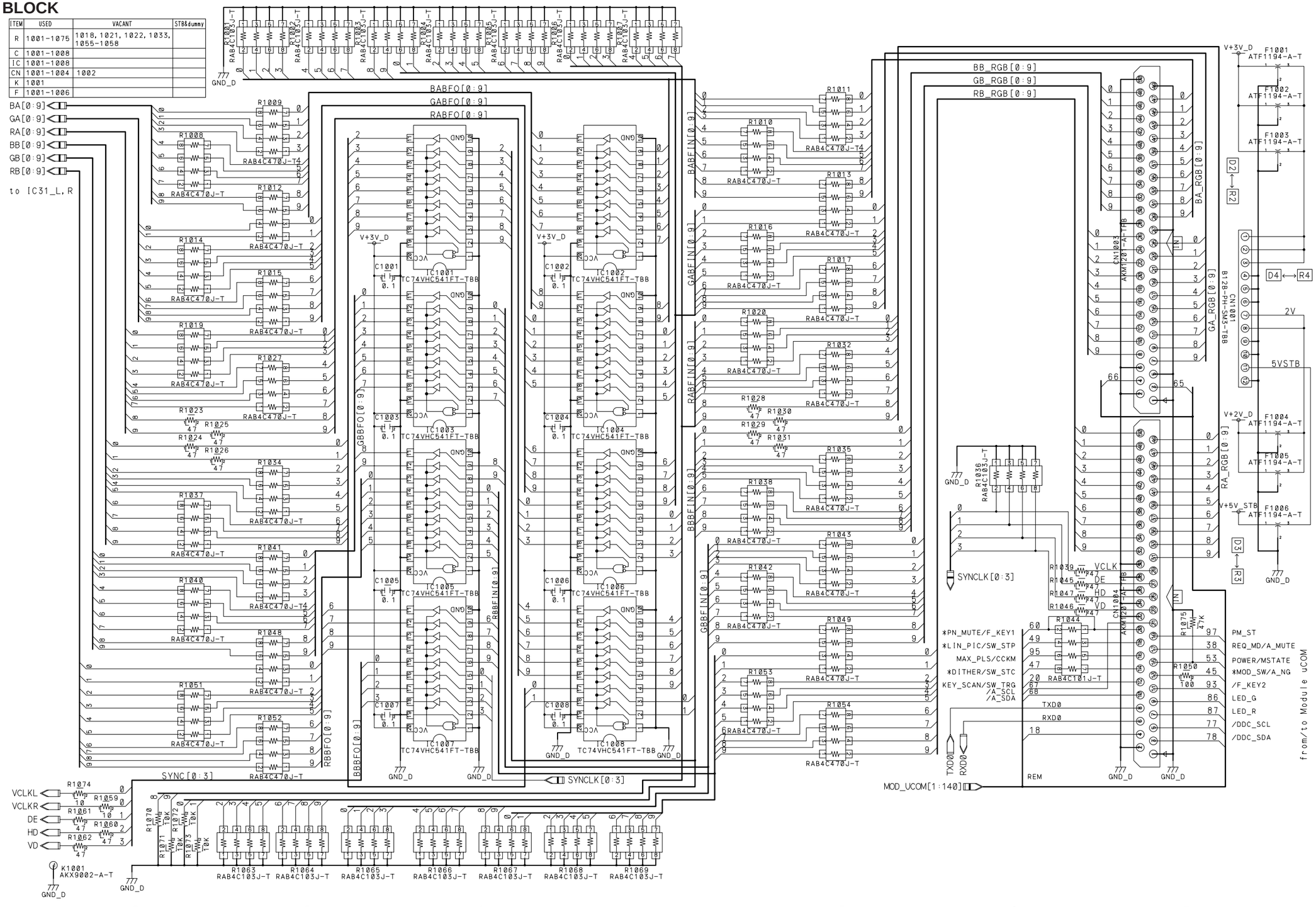
■ SUB ADDRESS B ASSY



■ DIGITAL VIDEO ASSY (1/10)

● DIGITAL BLOCK

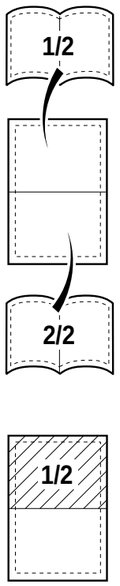
ITEM	USED	VACANT	STB&dummy
R	1001-1075	1018, 1021, 1022, 1033, 1055-1058	
C	1001-1008		
IC	1001-1008		
CN	1001-1004	1002	
K	1001		
F	1001-1006		



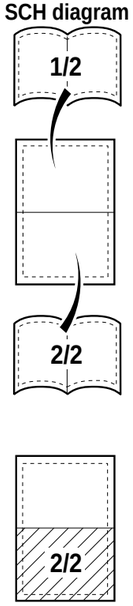
■ DIGITAL VIDEO ASSY (2/10)

● PANEL UCOM BLOCK

Large size
SCH diagram



Large size
SCH diagram



ITEM	USED	VACANT	STB&dummy
R	1101-1138	1102, 1118, 1133, 1135	1111, 1158
C	1101-1132		
IC	1101-1191	1104-1190	
D	1101		
Q	1101-1103	1102	
K	1101-1108	1105	
X	1101		1106
TP	1, 1101-1144		

■ DIGITAL VIDEO ASSY (3/10)

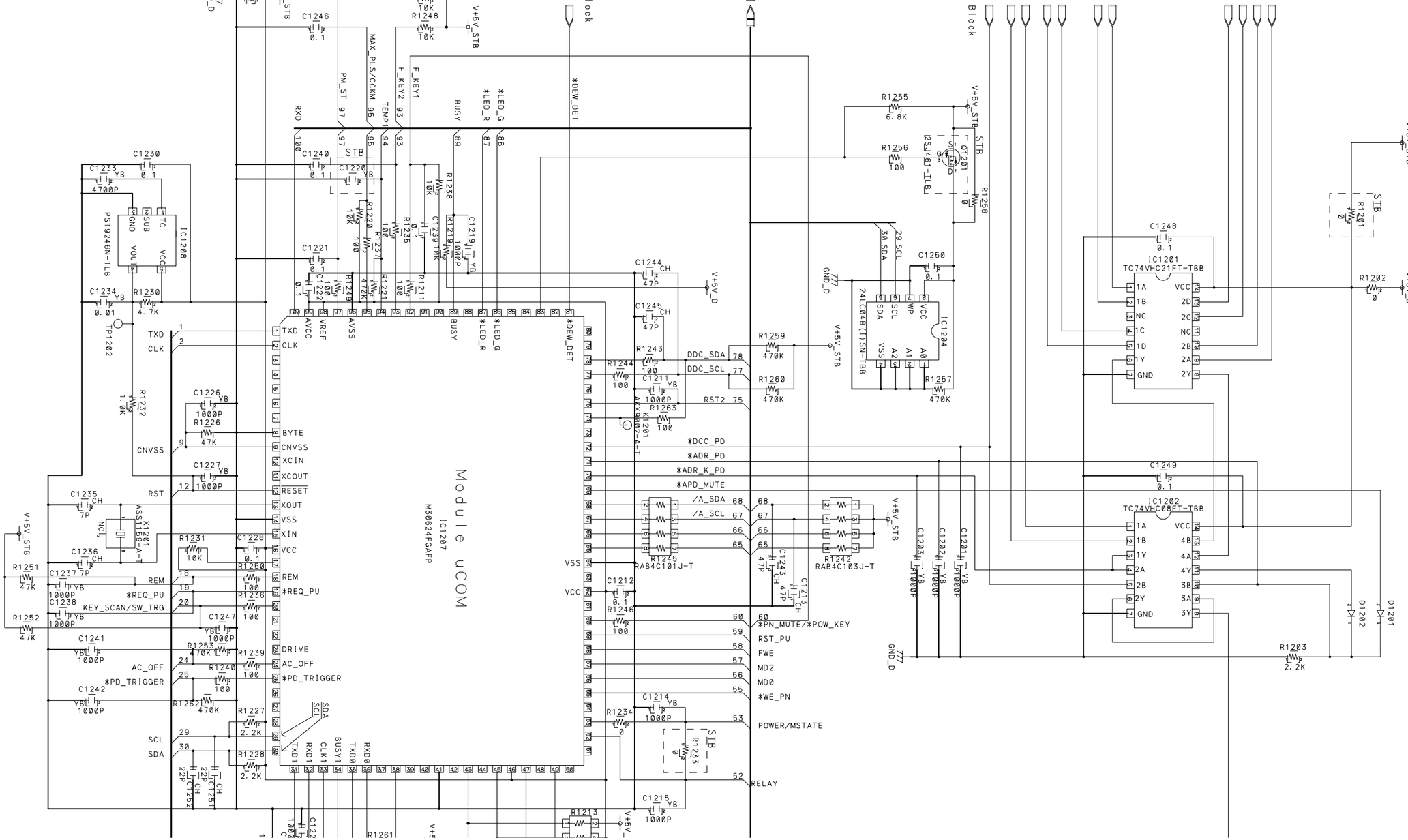
● MODULE UCOM BLOCK

Large size SCH diagram

1/2

2/2

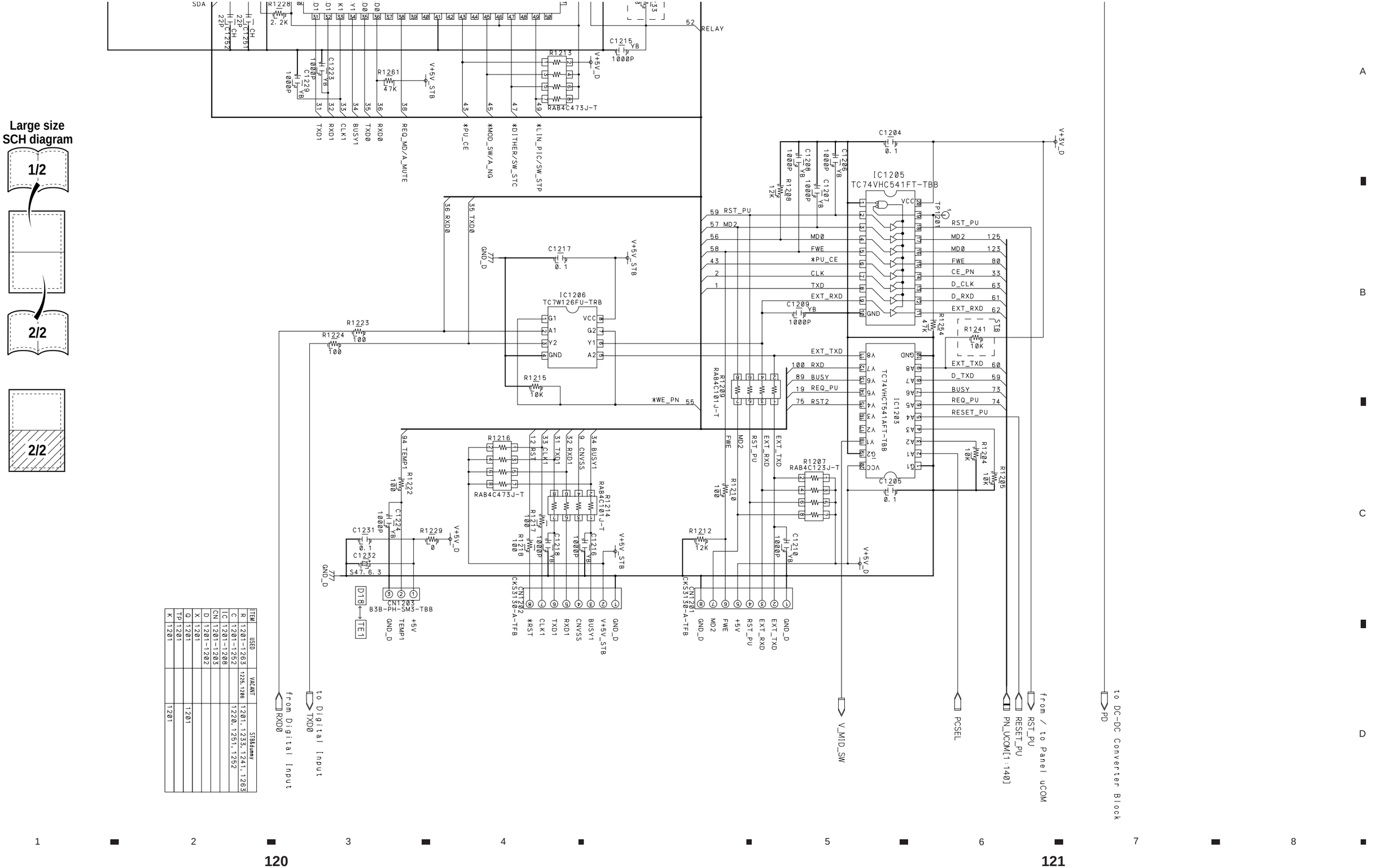
1/2



Large size SCH diagram

1/2

2/2

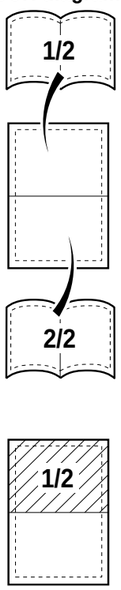


ITEM	USED	VACANT	STB&dummy
R	1201-1263	1225,1266	1201,1233,1241,1263
C	1201-1252		1220,1251,1252
IC	1201-1208		
CN	1201-1203		
D	1201-1202		
X	1201		
Q	1201	1201	
TP	1201		
K	1201	1201	

■ DIGITAL VIDEO ASSY (4/10)

● IC31 L BLOCK

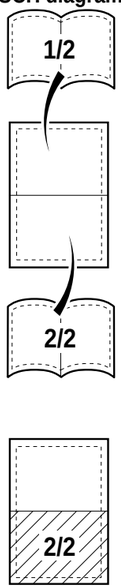
Large size SCH diagram



< Top View >

IC31 L

Large size SCH diagram

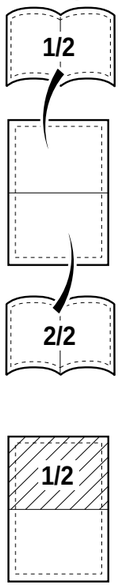


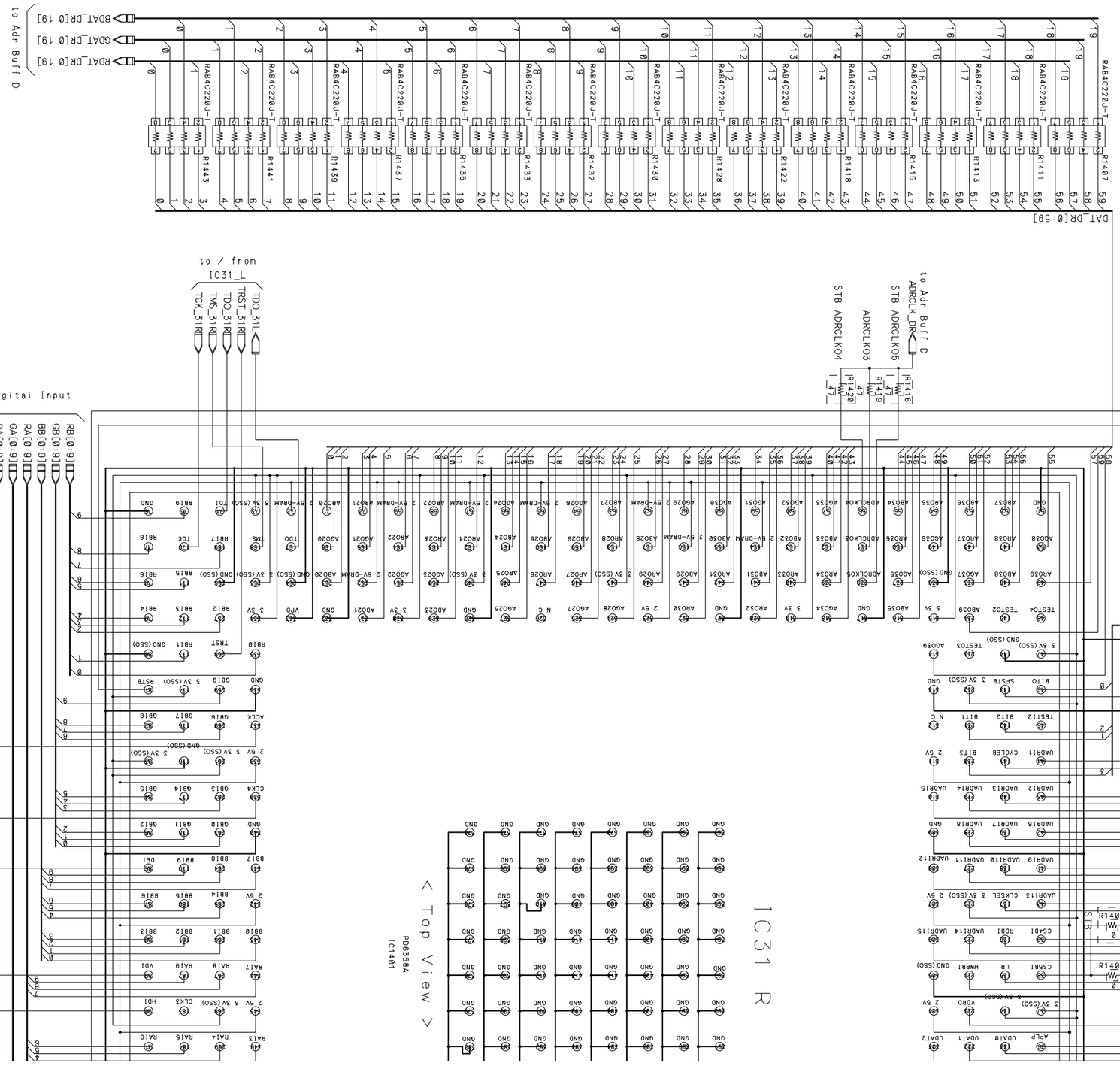
ITEM	USED	VACANT	STB4(dummy)
R	1301~1354		1302, 1305, 1309, 1316, 1320, 1325, 1324, 1345, 1346, 1354, 1301, 1302
C	1301~1336		
IC	1301		
CN	1301		
D	1301~1305		
K	1301~1333	1303~1307, 1309, 1310, 1315, 1317~1320, 1322, 1323, 1325, 1332	
F	1301~1304		

■ DIGITAL VIDEO ASSY (5/10)

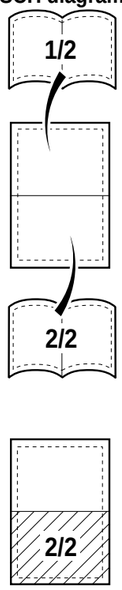
● IC31 R BLOCK

Large size SCH diagram





Large size
SCH diagram

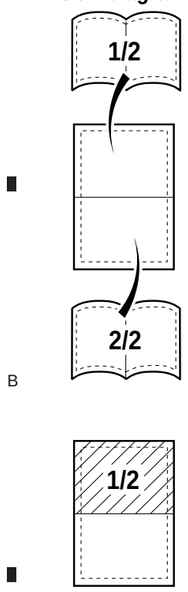


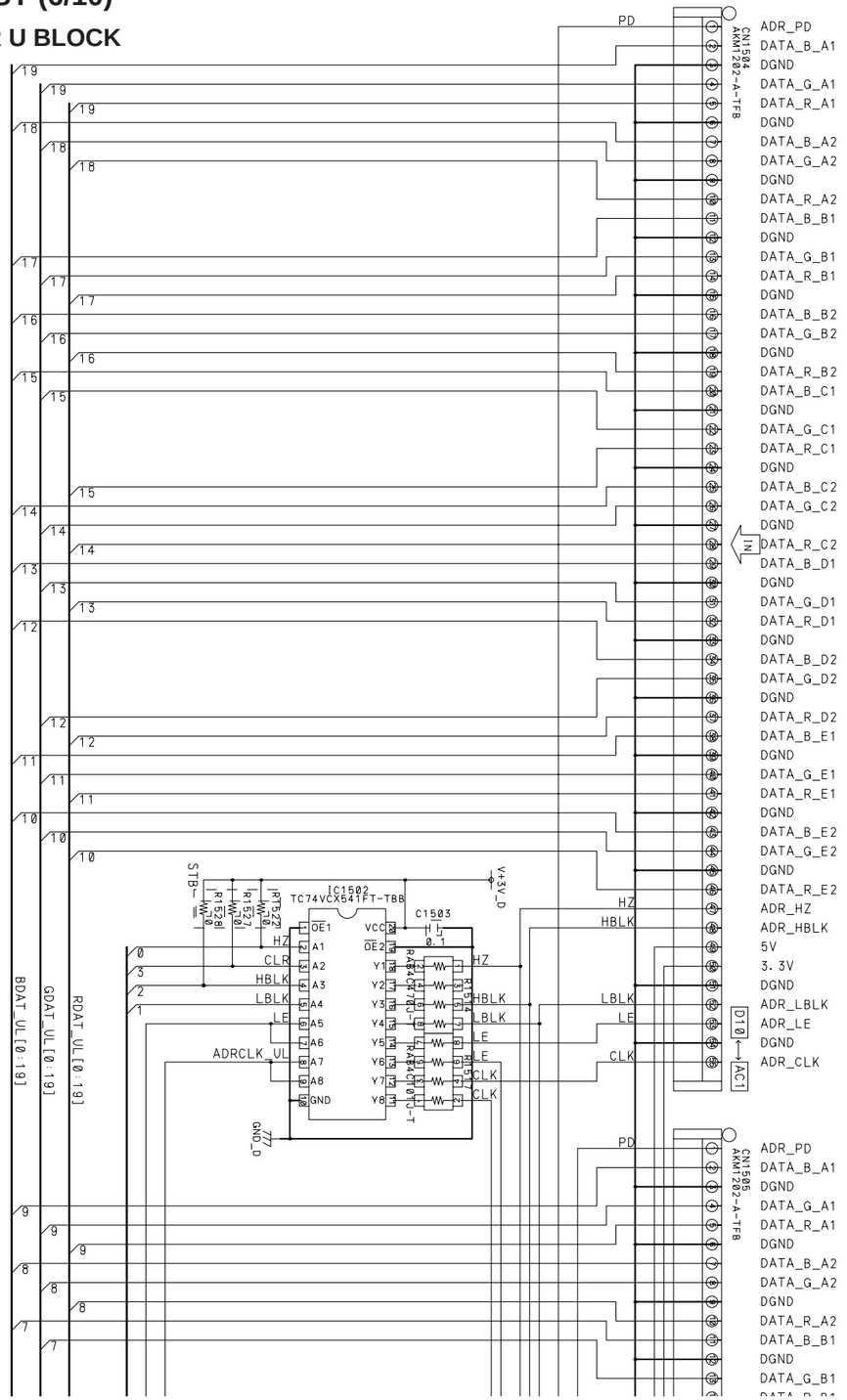
ITEM	USED	VACANT	STR&dummy
R	1401–1445		1405, 1406, 1408, 1416, 1420, 1423, 1424, 1445
C	1401–1436		
IC	1401		1401, 1402

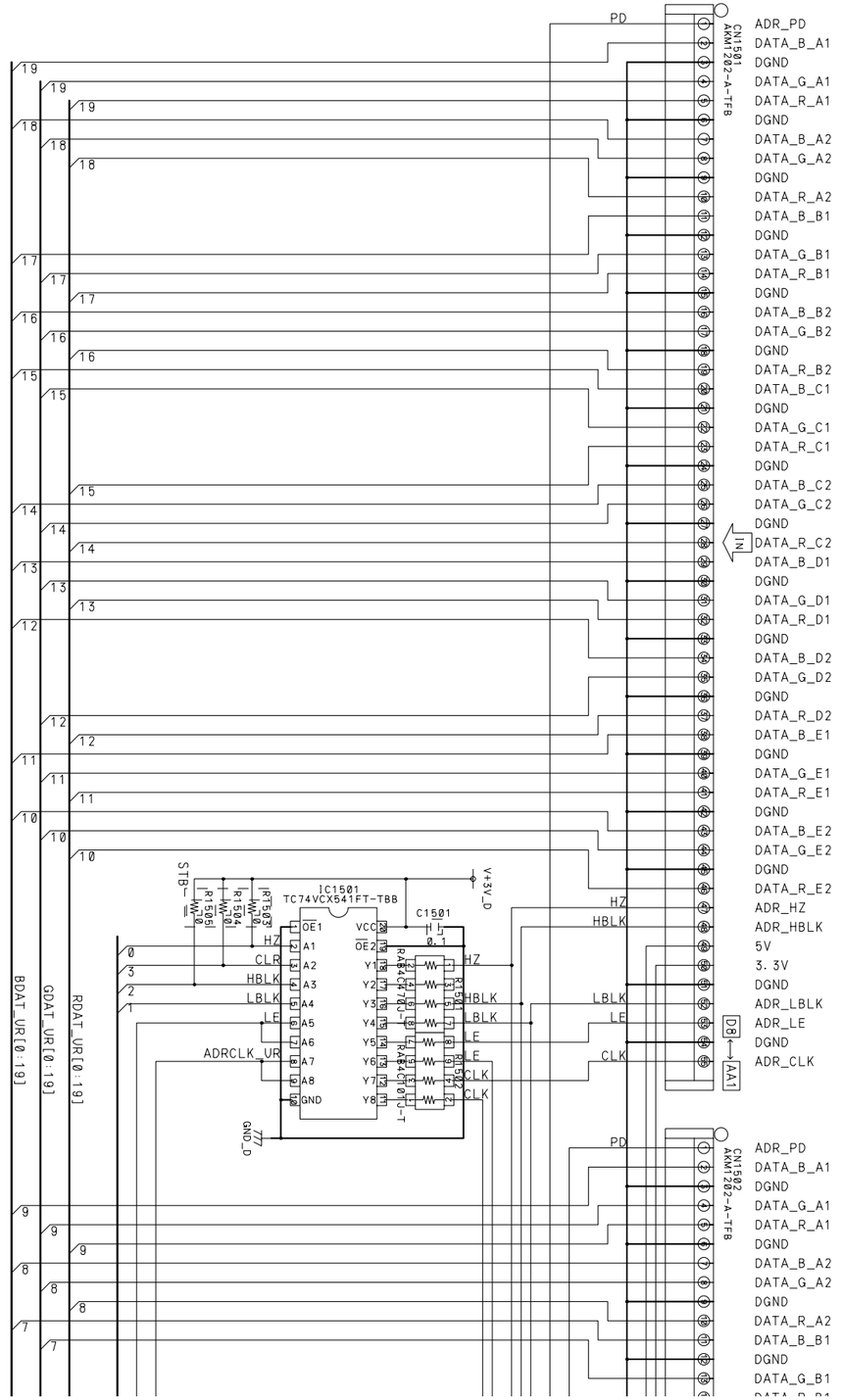
■ DIGITAL VIDEO ASSY (6/10)

● ADDRESS CONNECTOR U BLOCK

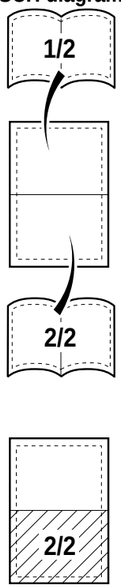
Large size SCH diagram

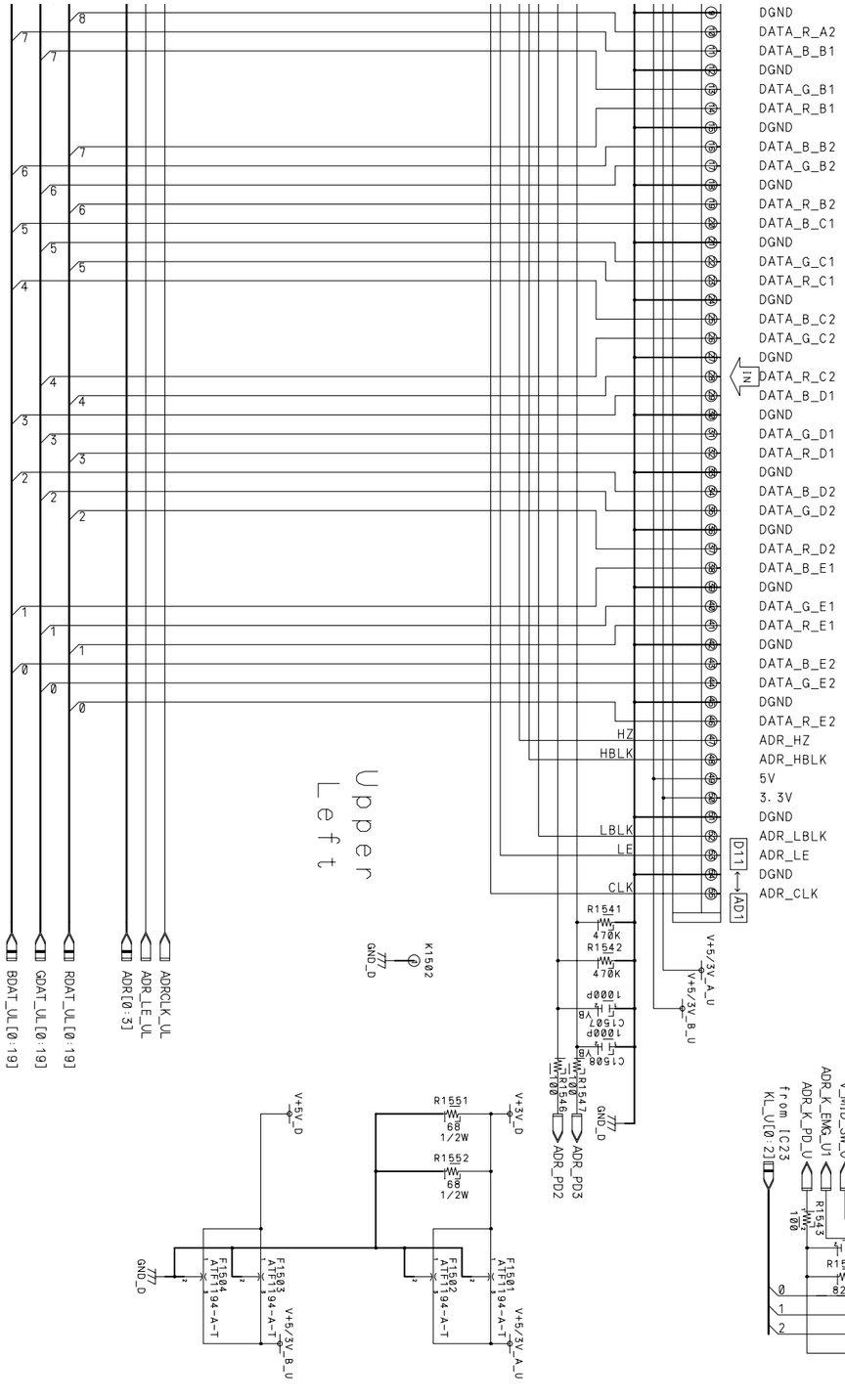


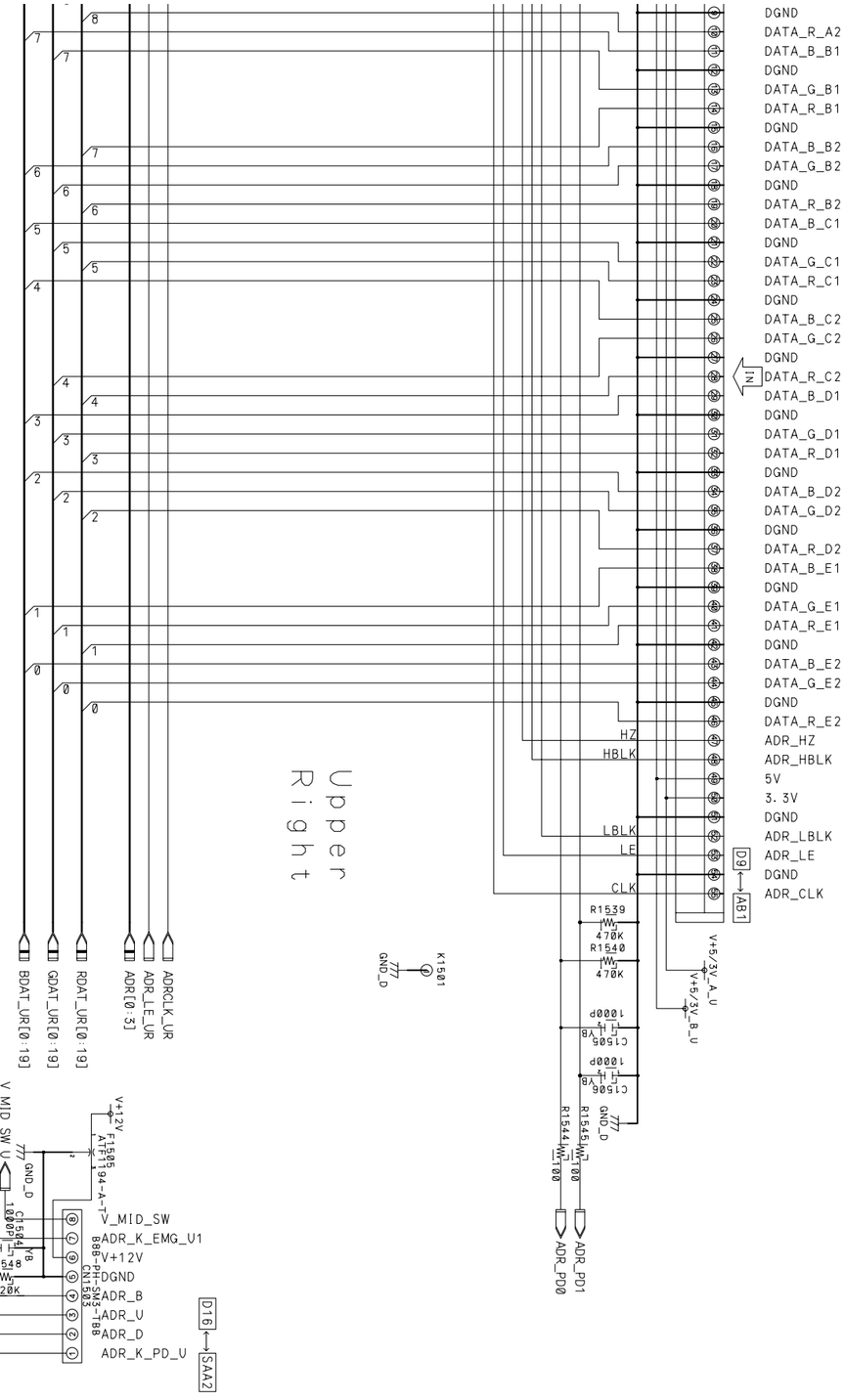




Large size
SCH diagram



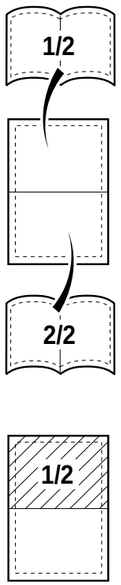


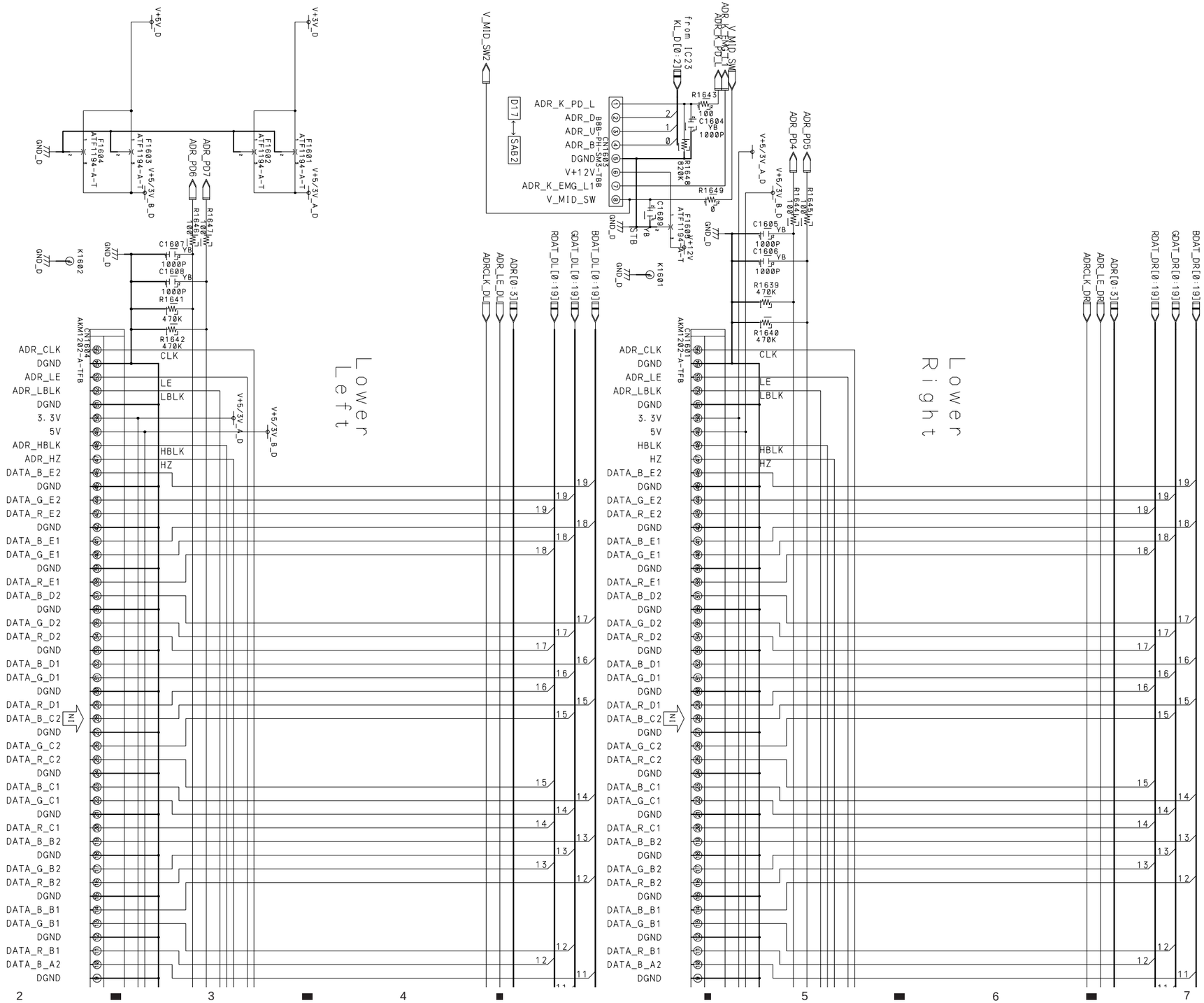


■ DIGITAL VIDEO ASSY (7/10)

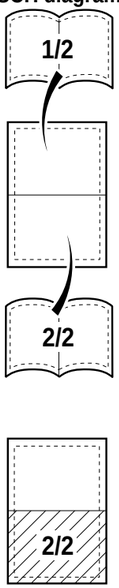
● ADDRESS CONNECTOR D BLOCK

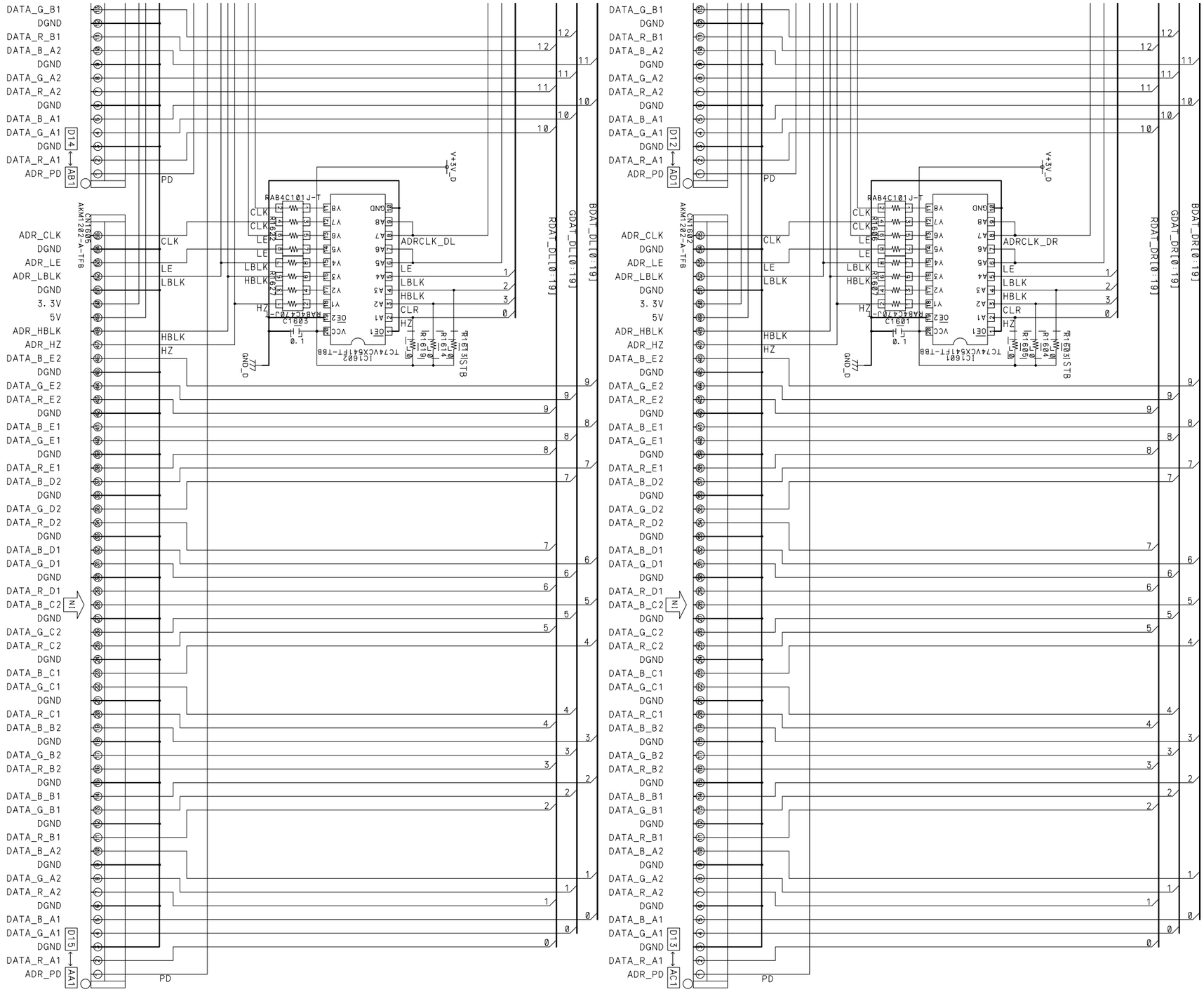
Large size SCH diagram





Large size
SCH diagram





■ DIGITAL VIDEO ASSY (8/10)

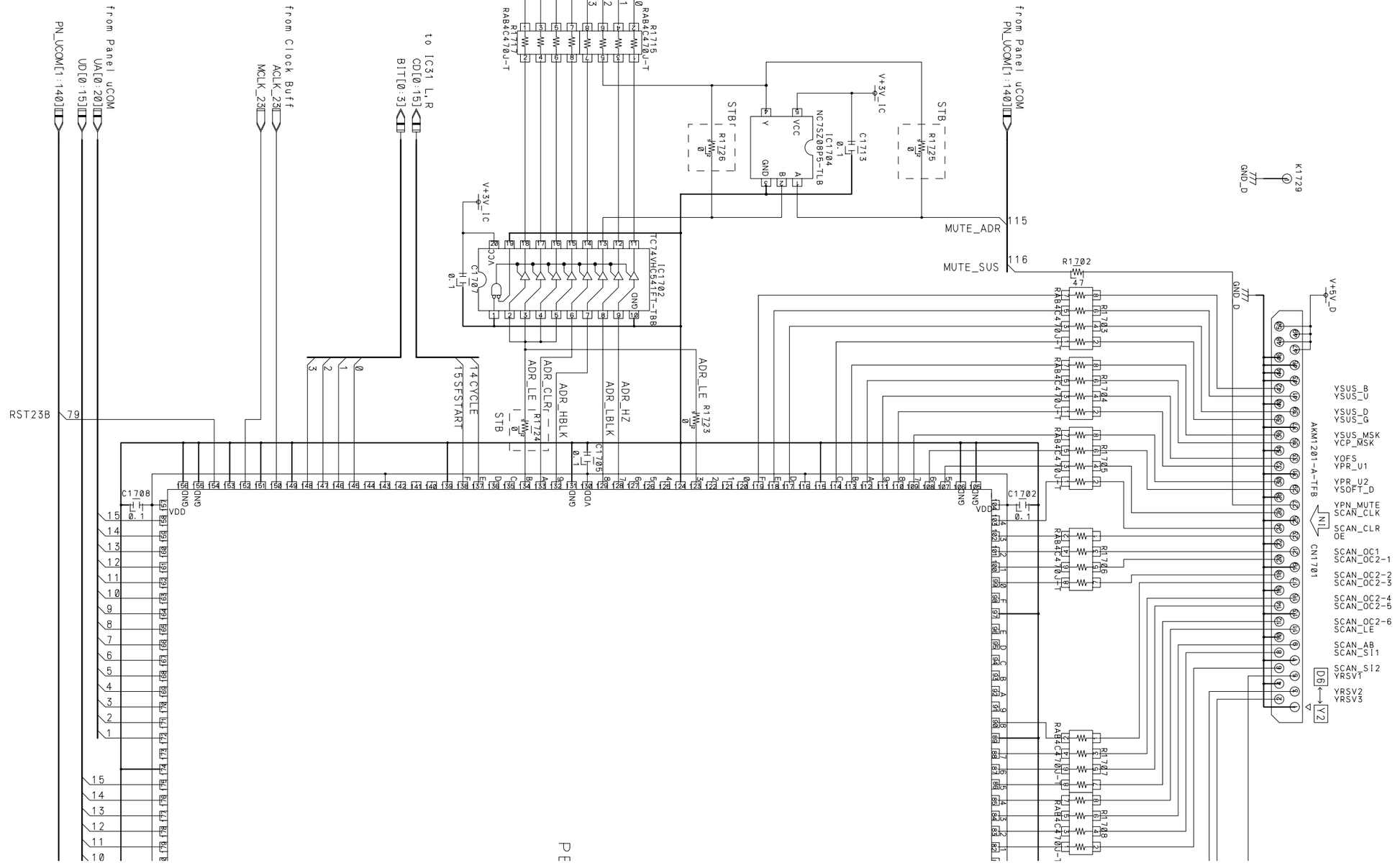
● IC23 BLOCK

Large size
SCH diagram

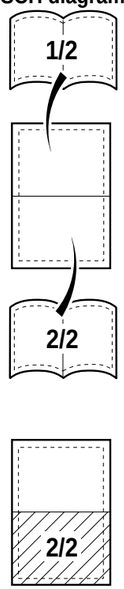
1/2

2/2

1/2



Large size SCH diagram

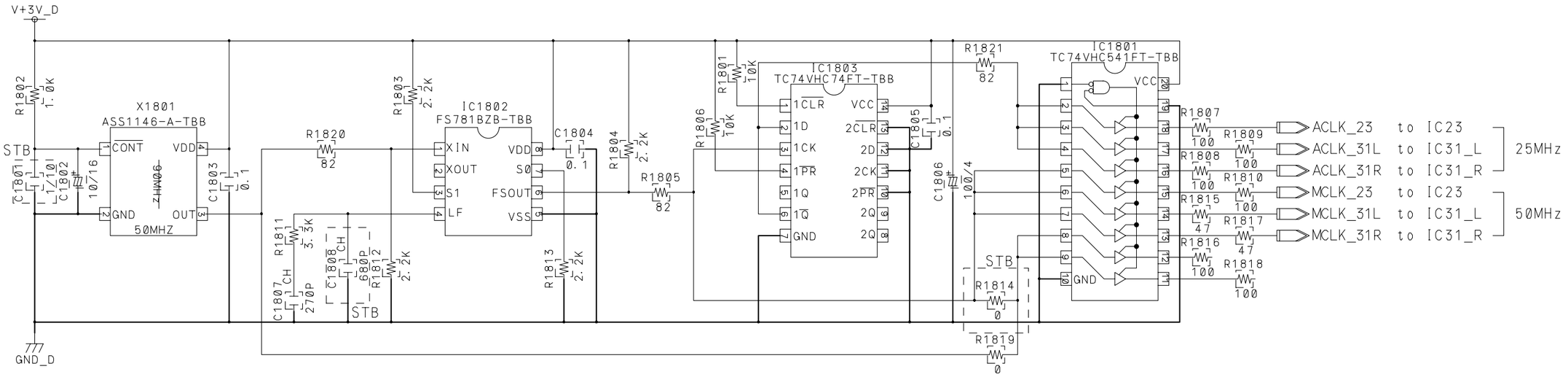


IC23
PE5064A-K
IC1703

ITEM	USED	VACANT	STB&dummy
R	1701-1726	1720	1724, 1725, 1726
C	1701-1713		
IC	1701-1704		
CN	1701-1702		
K	1728, 1729		

■ DIGITAL VIDEO ASSY (9/10)

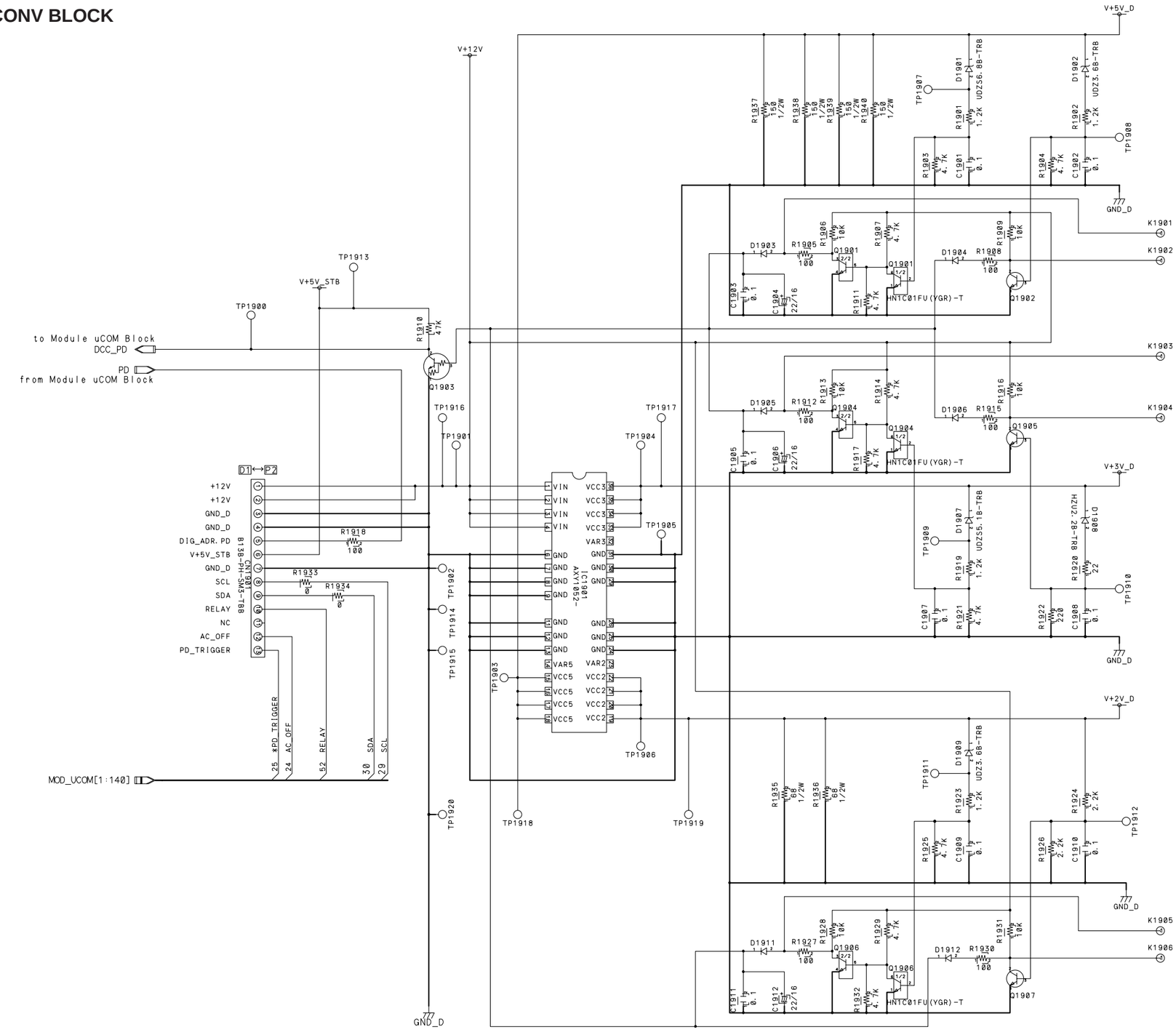
● CLK GENERATOR BLOCK



ITEM	USED	VACANT	STB&dummy
R	1801-1821		1814
C	1801-1808		1801, 1808
IC	1801-1803		
X	1801		

■ DIGITAL VIDEO ASSY (10/10)

● D-D CONV BLOCK



HN1C01FU(YGR)-T

1SS355-TRB

AKX9002-A-T

DTC143EK-TLB

2SC2712(YGR)-TLB

ITEM	USED	VACANT	STB&dummy
R	1901-1940		
C	1901-1912		
IC	1901		
CN	1901		
D	1901-1912	1910	
Q	1901-1907		
K	1901-1906		
TP	1900-1920		

■ MR INTERFACE ASSY (1/3)

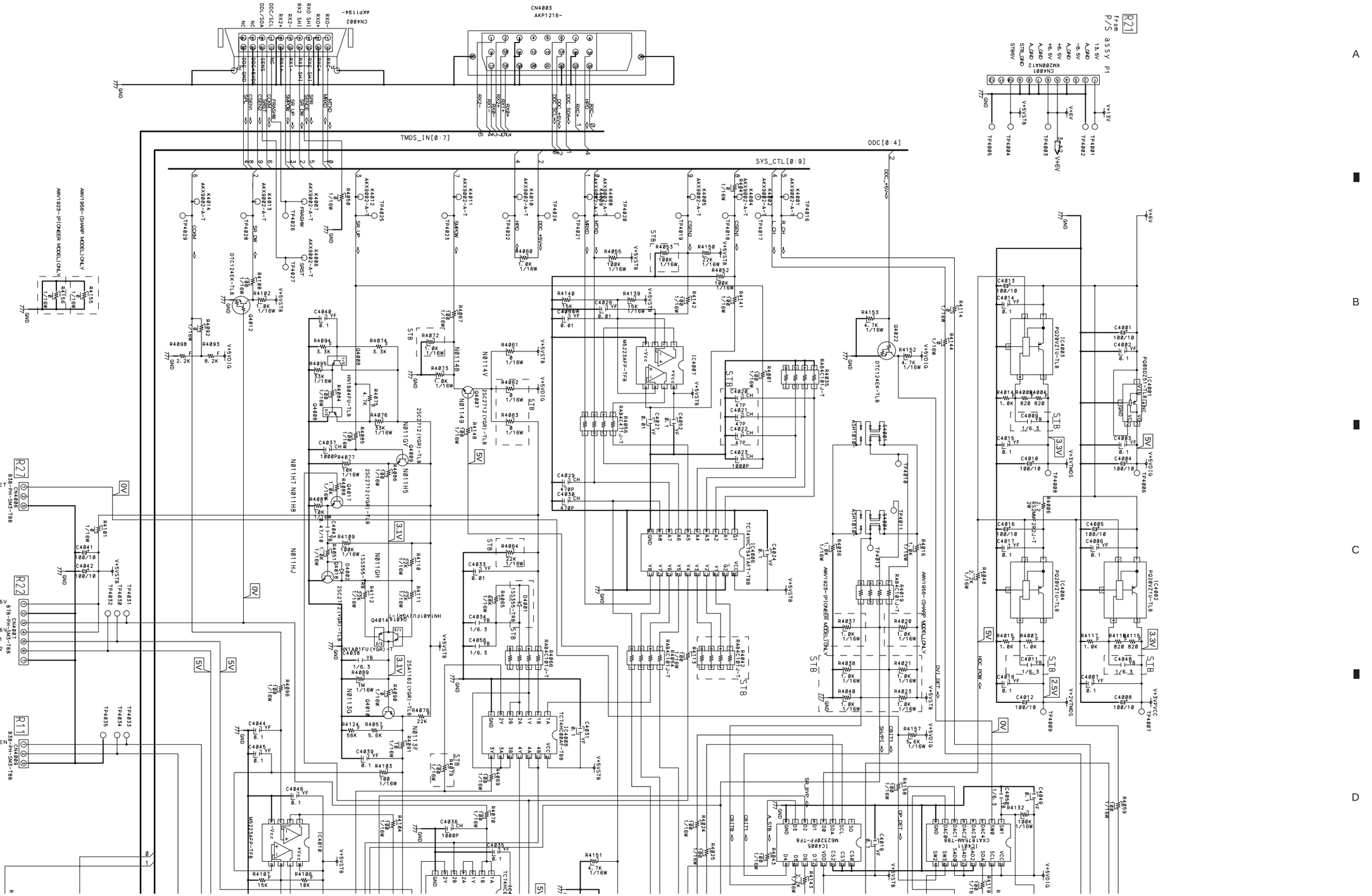
● INTERFACE BLOCK

Large size SCH diagram

1/2

2/2

1/2



Large size SCH diagram

1/2

2/2

2/2

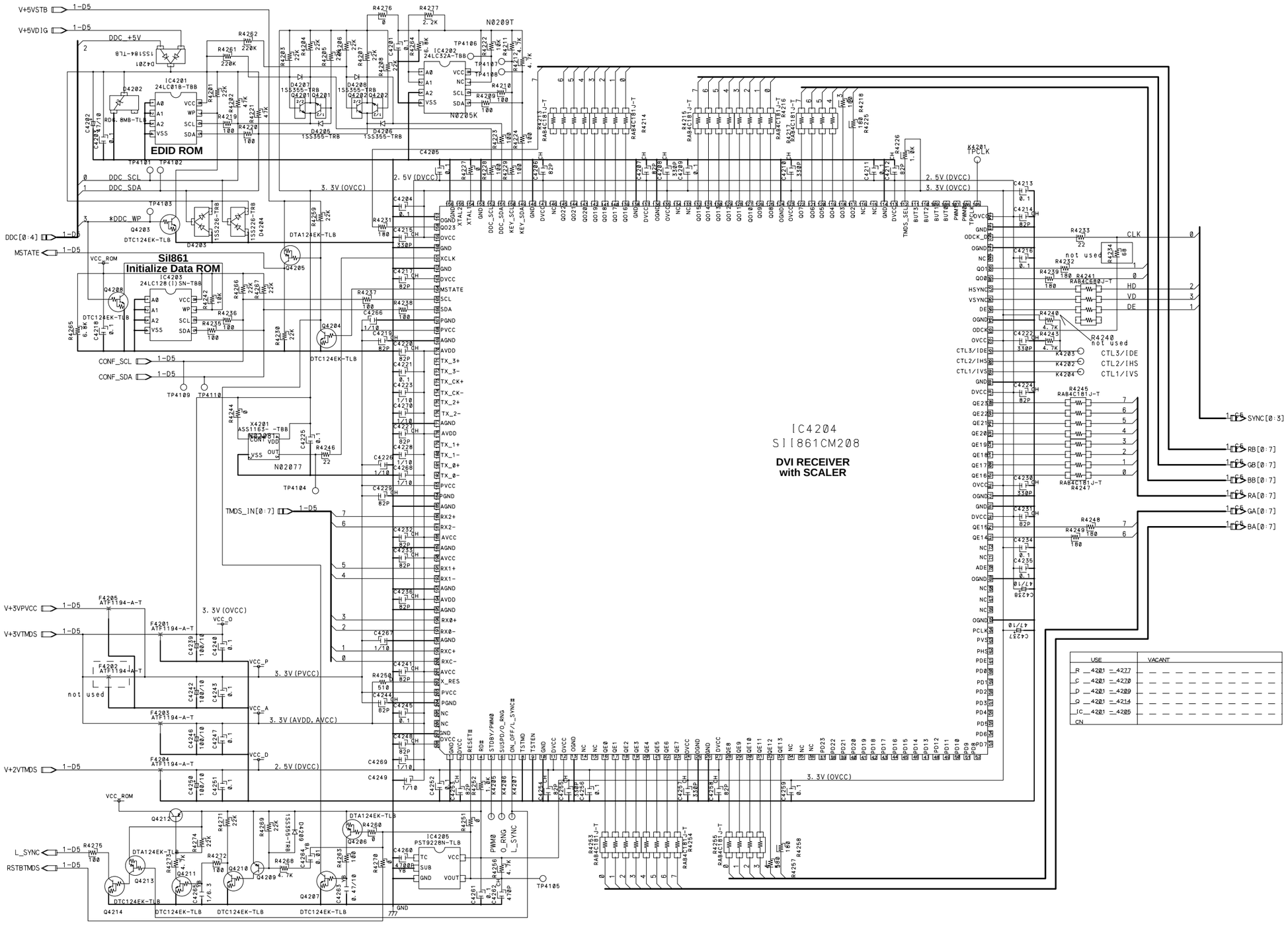
to from TMDS block

to DAC block

to DIGITAL assy D3, D2

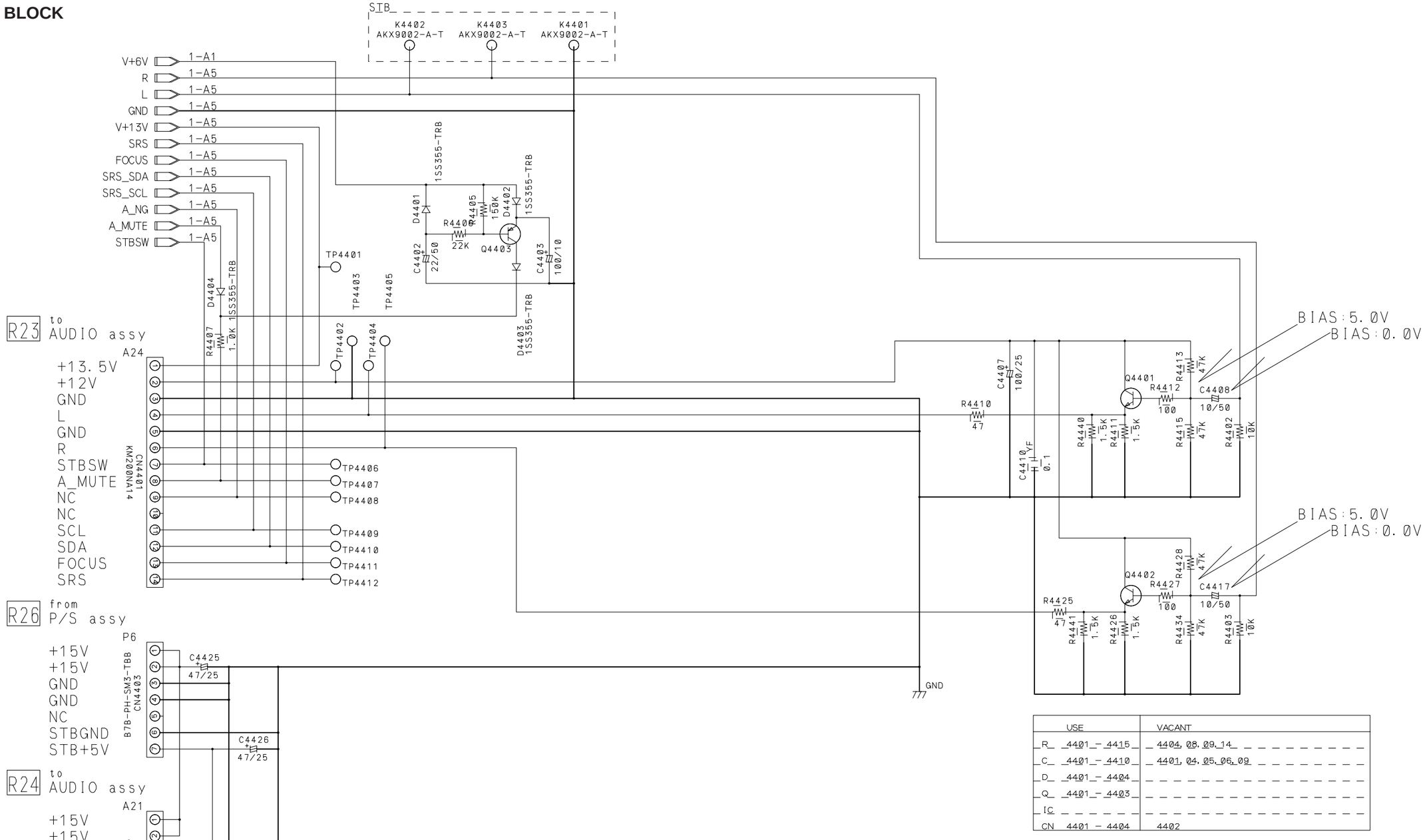
■ MR INTERFACE ASSY (2/3)

● TMDS RECEIVER BLOCK



■ MR INTERFACE ASSY (3/3)

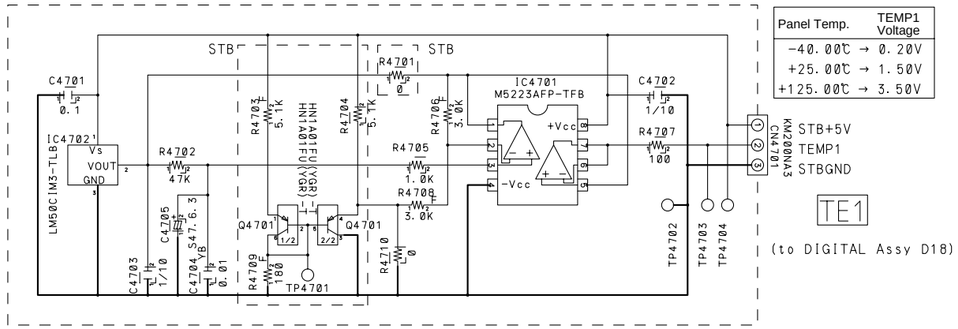
● AUDIO BLOCK



USE	VACANT
R 4401 – 4415	4404, 08, 09, 14
C 4401 – 4410	4401, 04, 05, 06, 09
D 4401 – 4404	
Q 4401 – 4403	
IC	
CN 4401 – 4404	4402

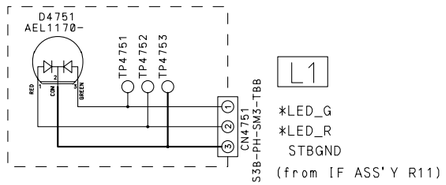
■ LED, FRONT KEY, FRONT KEY CONN, IR RECEIVE (P) and SENSOR ASSYS

AWZ6660
SENSOR ASS'Y



Panel Temp.	TEMP1 Voltage
−40.00℃ →	0.20V
+25.00℃ →	1.50V
+125.00℃ →	3.50V

AWZ6655
LED ASS'Y

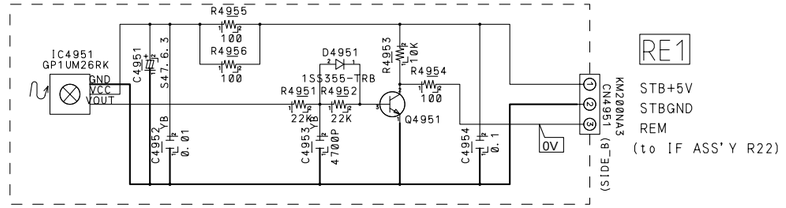


	USE	VACANT
R	4701 – 4710	
C	4701 – 4705	
D		
Q	4701	
IC	4701 – 4702	
CN	4701	

	USE	VACANT
R		
C		
D	4751	
Q		
IC		
CN	4751	

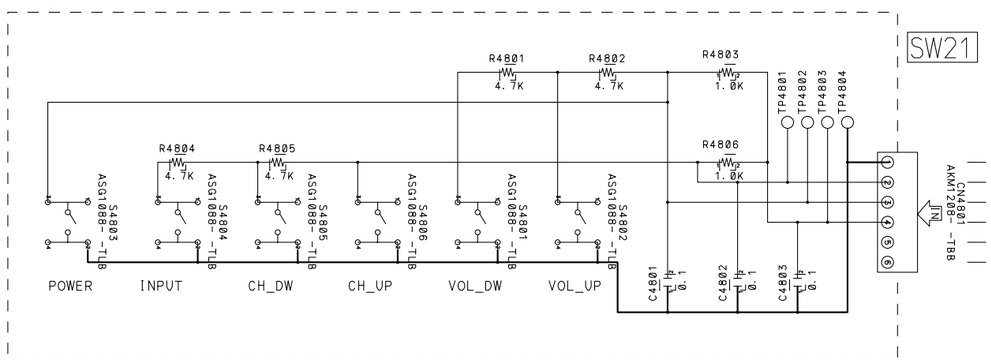
	USE	VACANT
R	4801 – 4806	
C	4801 – 4803	
D		
Q		
IC		
CN	4801	

AWZ6659
IR RECEIVE(P) ASS'Y

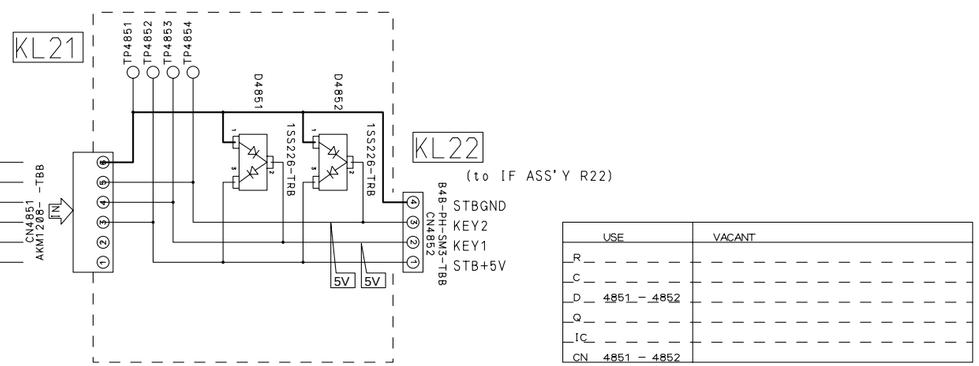


	USE	VACANT
R	4951 – 4956	
C	4951 – 4954	
D	4951	
Q	4951	
IC	4951	
CN	4951	

AWZ6656
FRONT KEY ASS'Y



AWZ6657
KEY CONNECT ASS'Y



	USE	VACANT
R		
C		
D	4851 – 4852	
Q		
IC		
CN	4851 – 4852	

■ AUDIO AMP ASSY

	USED	VACANT
C	5002-5242	5004, 5007-5012, 5017-5028, 5031, 5036-5041, 5047-5048, 5054-5055, 5057-5200, 5202, 5209, 5240-5241,
CN	5001-5001	
IC	5001-5202	5003-5200,
J	5001-5003	
K	5001-5004	
KN	5001-5001	
L	5004-5007	
Q	5002-5013	5003-5004, 5006-5008, 5010-5011,
R	5001-5230	5002-5005, 5007-5014, 5016, 5018-5026, 5028-5030, 5035-5037, 5039, 5044, 5046-5048, 5050, 5056-5060, 5064, 5067, 5071-5074, 5079-5204, 5215,

IC5202 (CXA2021S)

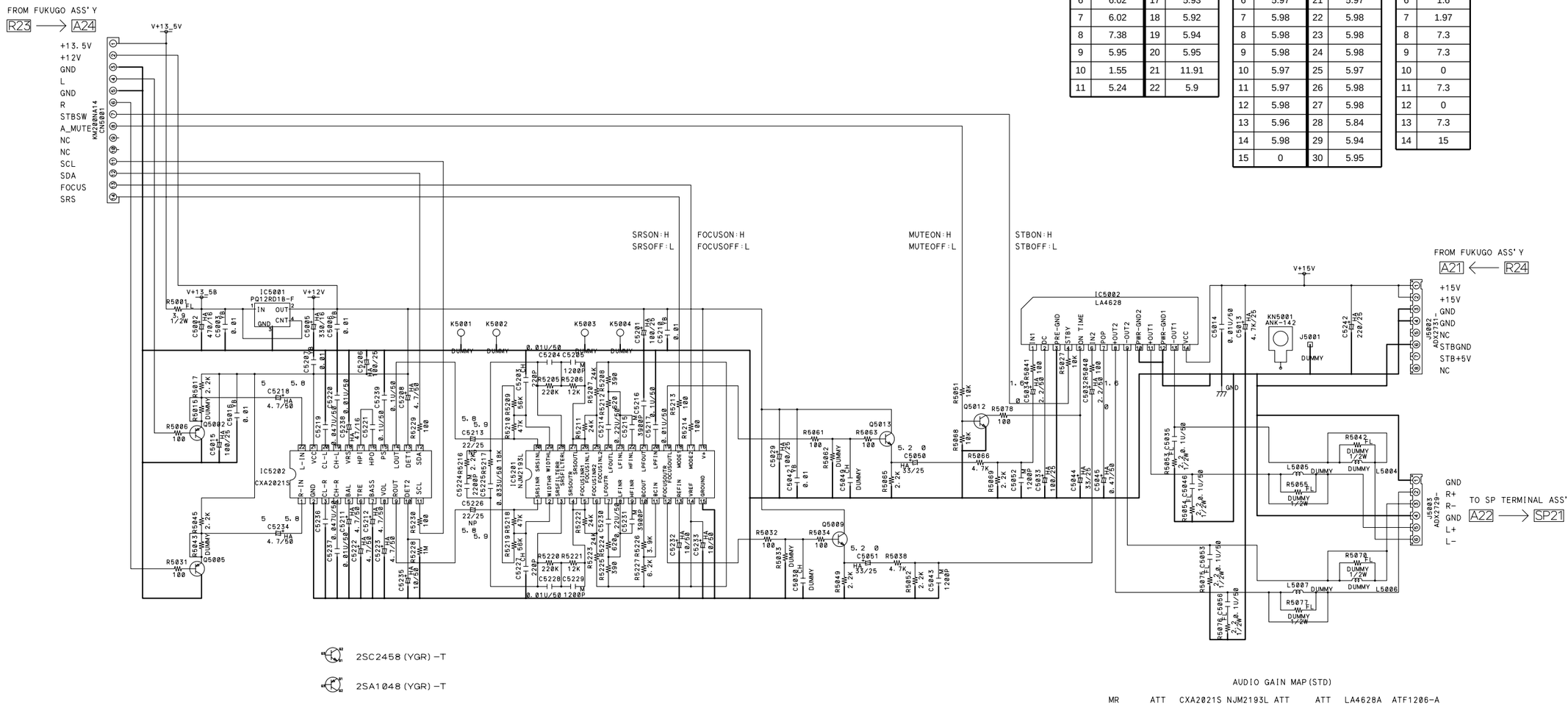
No.	Voltage (V)	No.	Voltage (V)
1	5.9	12	5.25
2	0	13	1.73
3	5.95	14	5.95
4	5.94	15	5.92
5	5.98	16	5.91
6	6.02	17	5.93
7	6.02	18	5.92
8	7.38	19	5.94
9	5.95	20	5.95
10	1.55	21	11.91
11	5.24	22	5.9

IC5201 (NJM2193L)

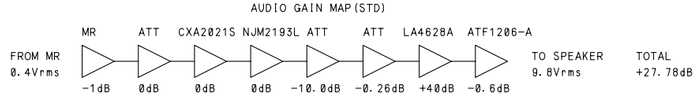
No.	Voltage (V)	No.	Voltage (V)
1	5.95	16	11.91
2	5.94	17	0
3	5.84	18	0
4	5.98	19	5.98
5	5.98	20	5.91
6	5.97	21	5.97
7	5.98	22	5.98
8	5.98	23	5.98
9	5.98	24	5.98
10	5.97	25	5.97
11	5.97	26	5.98
12	5.98	27	5.98
13	5.96	28	5.84
14	5.98	29	5.94
15	0	30	5.95

IC5002 (LA4628)

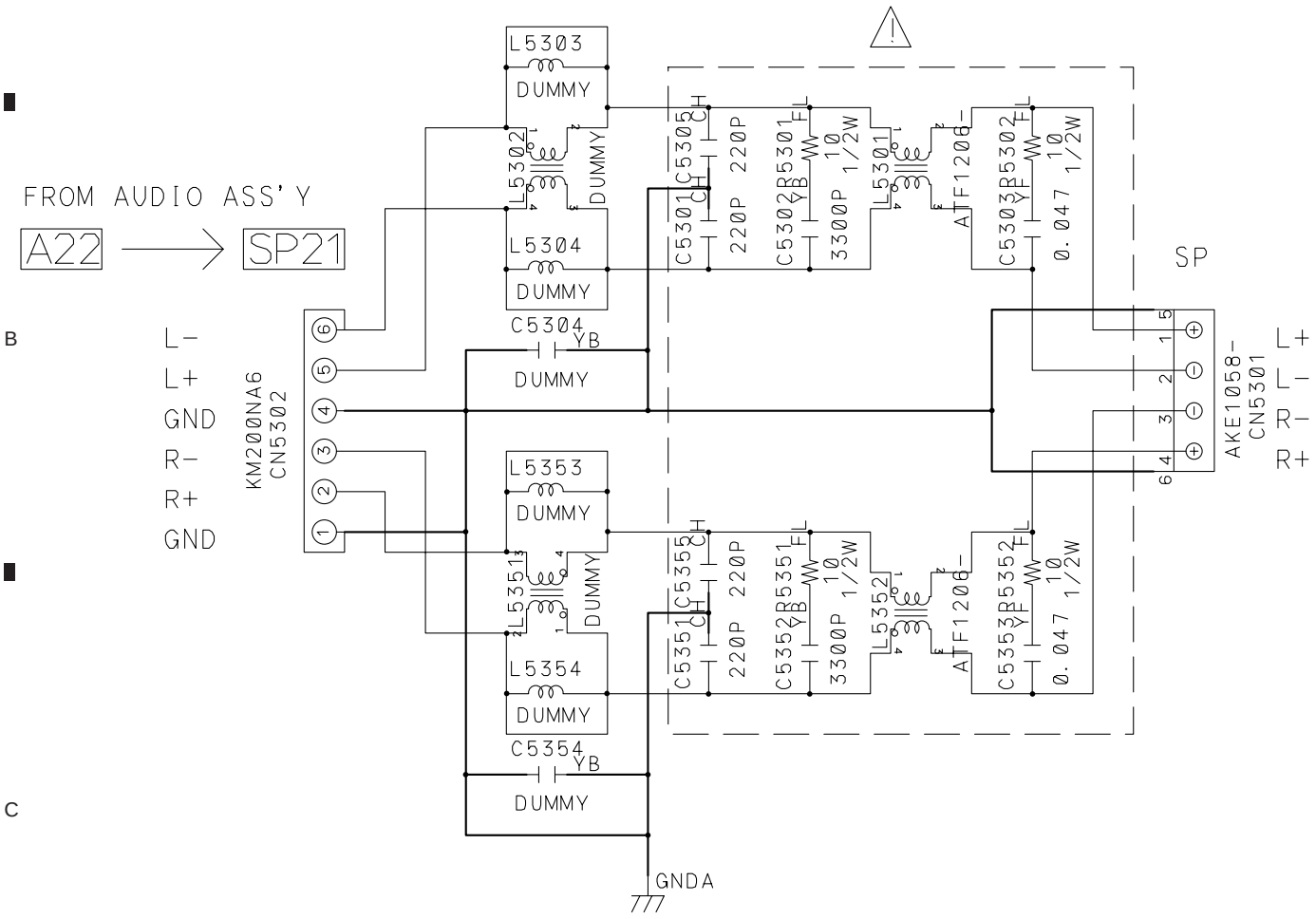
No.	Voltage (V)
1	1.6
2	7.5
3	0
4	3.37
5	2.29
6	1.6
7	1.97
8	7.3
9	7.3
10	0
11	7.3
12	0
13	7.3
14	15



AUDIO GAIN MAP(STD)

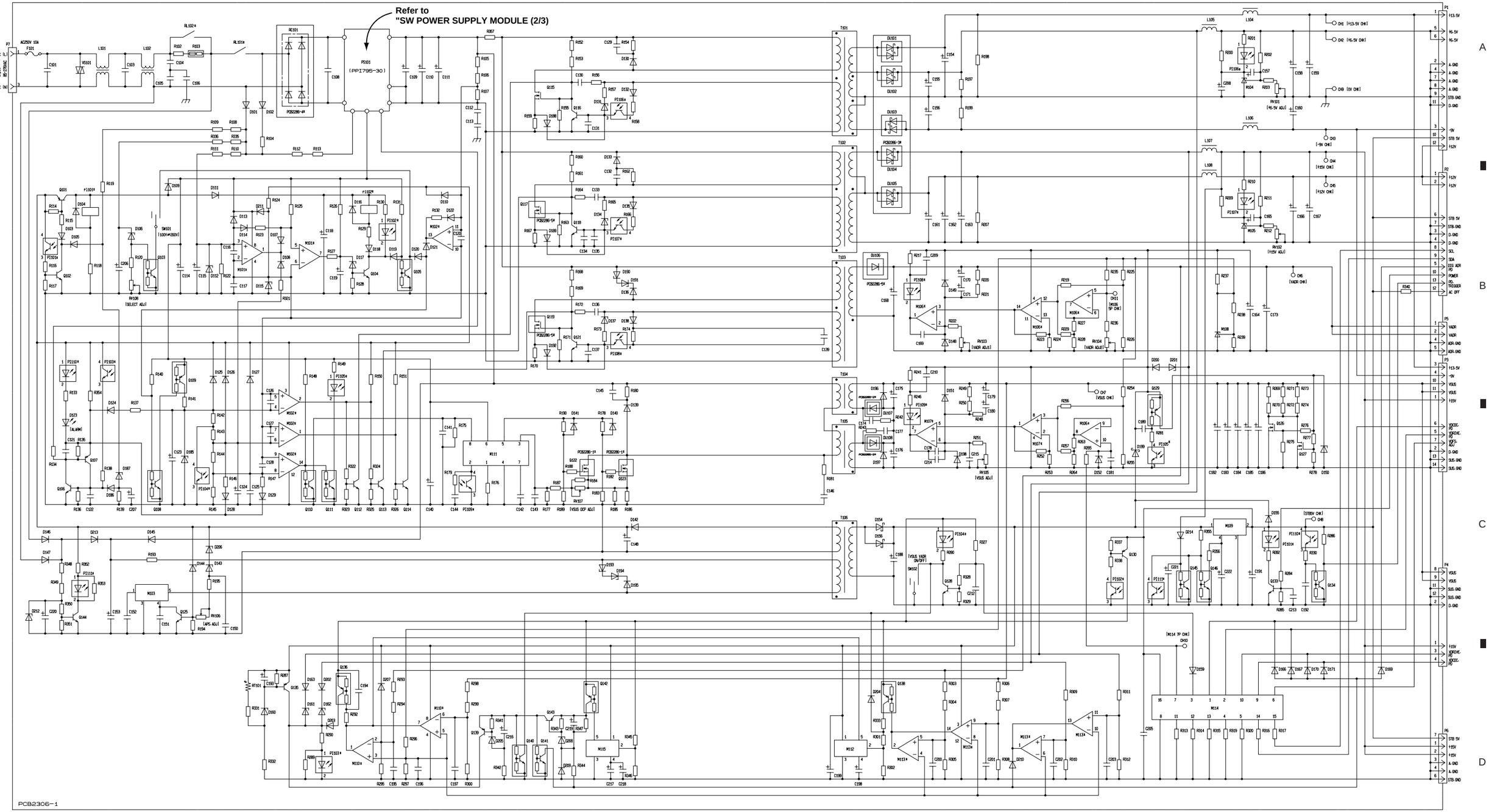


■ SP TERMINAL ASSY



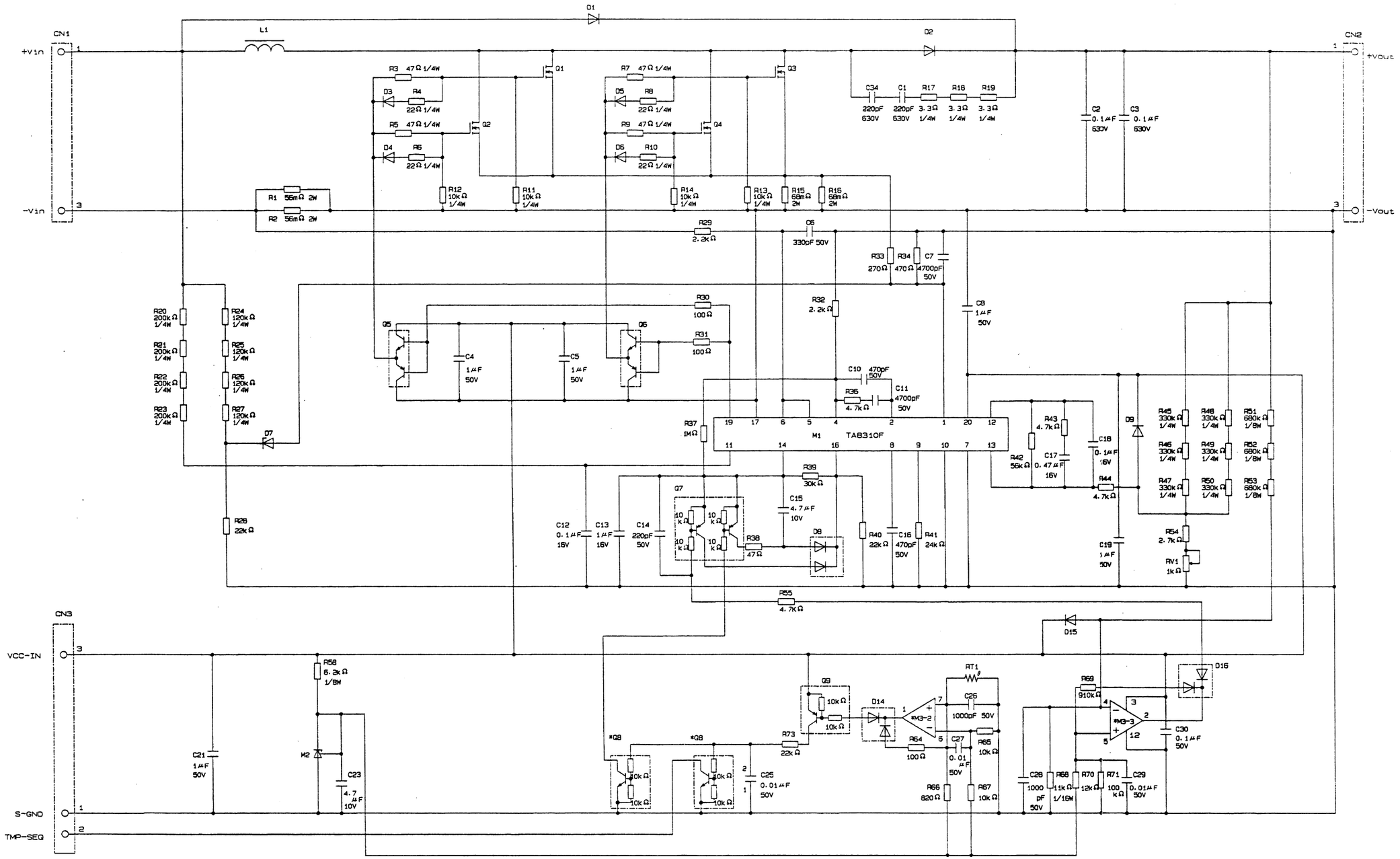
	USED	VACANT
C	5301-5355	5306-5350,
CN	5301-5302	
L	5301-5354	5305-5350,
R	5301-5352	5303-5350,

■ SW POWER SUPPLY MODULE (1/3)

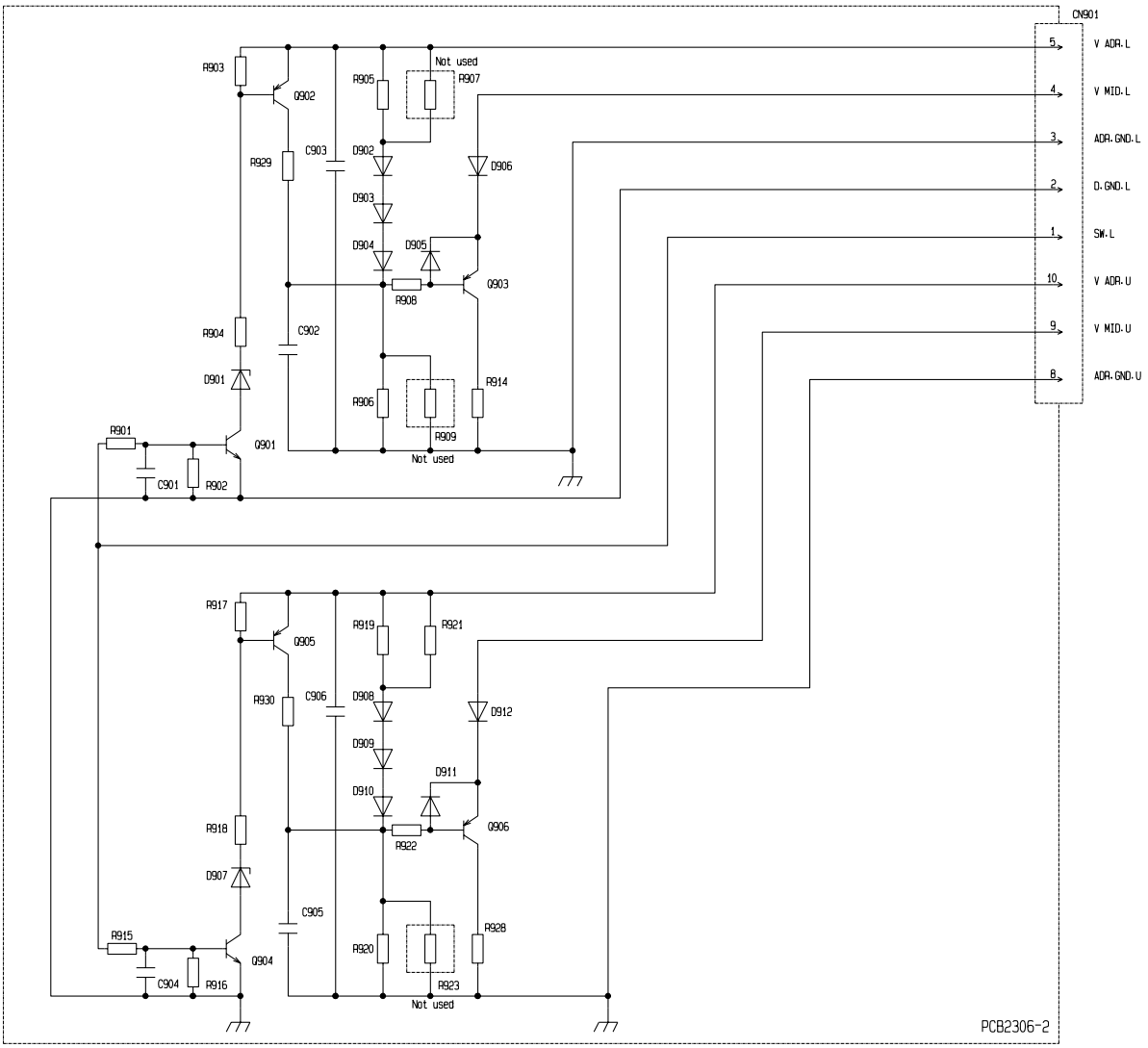


※ The symbol in [ ] indicates the symbol on the part.
※ The symbol in * indicates the same case on the part.

■ SW POWER SUPPLY MODULE (2/3)



■ SW POWER SUPPLY MODULE (3/3)



※ The portion of "STANDBY" shows the nonmounted parts.

注 "STANDBY"部分は未実装部品を示す。

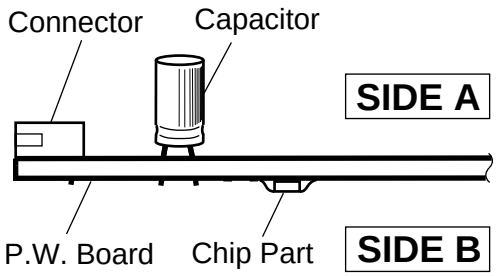
PRINTED WIRING BOARD ASSEMBLIES

NOTE FOR PWB DIAGRAMS :

1. Part numbers in PWB diagrams match those in the schematic diagrams.
2. A comparison between the main parts of PWB and schematic diagrams is shown below.

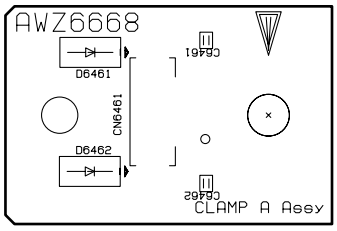
Symbol In PWB Diagrams	Symbol In Schematic Diagrams	Part Name
B C E	B C E B C E	Transistor
B C E	B C E B C E	Transistor with resistor
D G S	D G S D G S	Field effect transistor
		Resistor array
		3-terminal regulator

3. The parts mounted on this PWB include all necessary parts for several destinations.
   For further information for respective destinations, be sure to check with the schematic diagram.
4. View point of PWB diagrams.



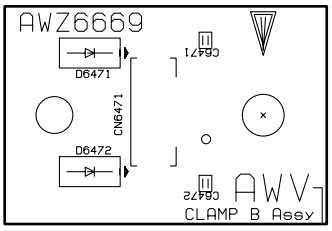
■ ADR RESONANCE, CLAMP A and B ASSYS

CLAMP A ASSY



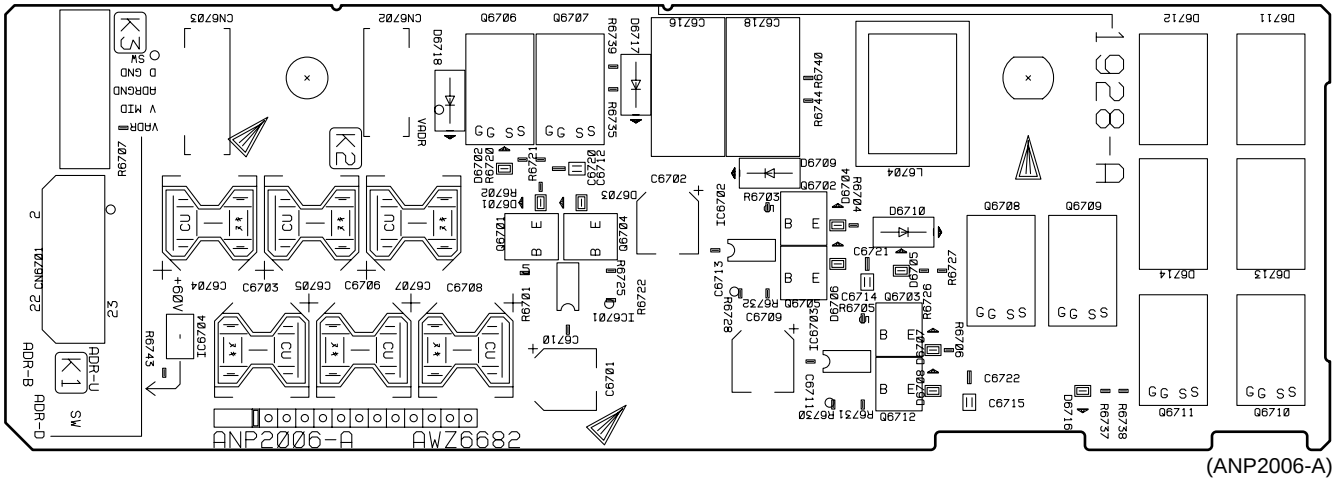
(ANP2006-A)

CLAMP B ASSY



(ANP2006-A)

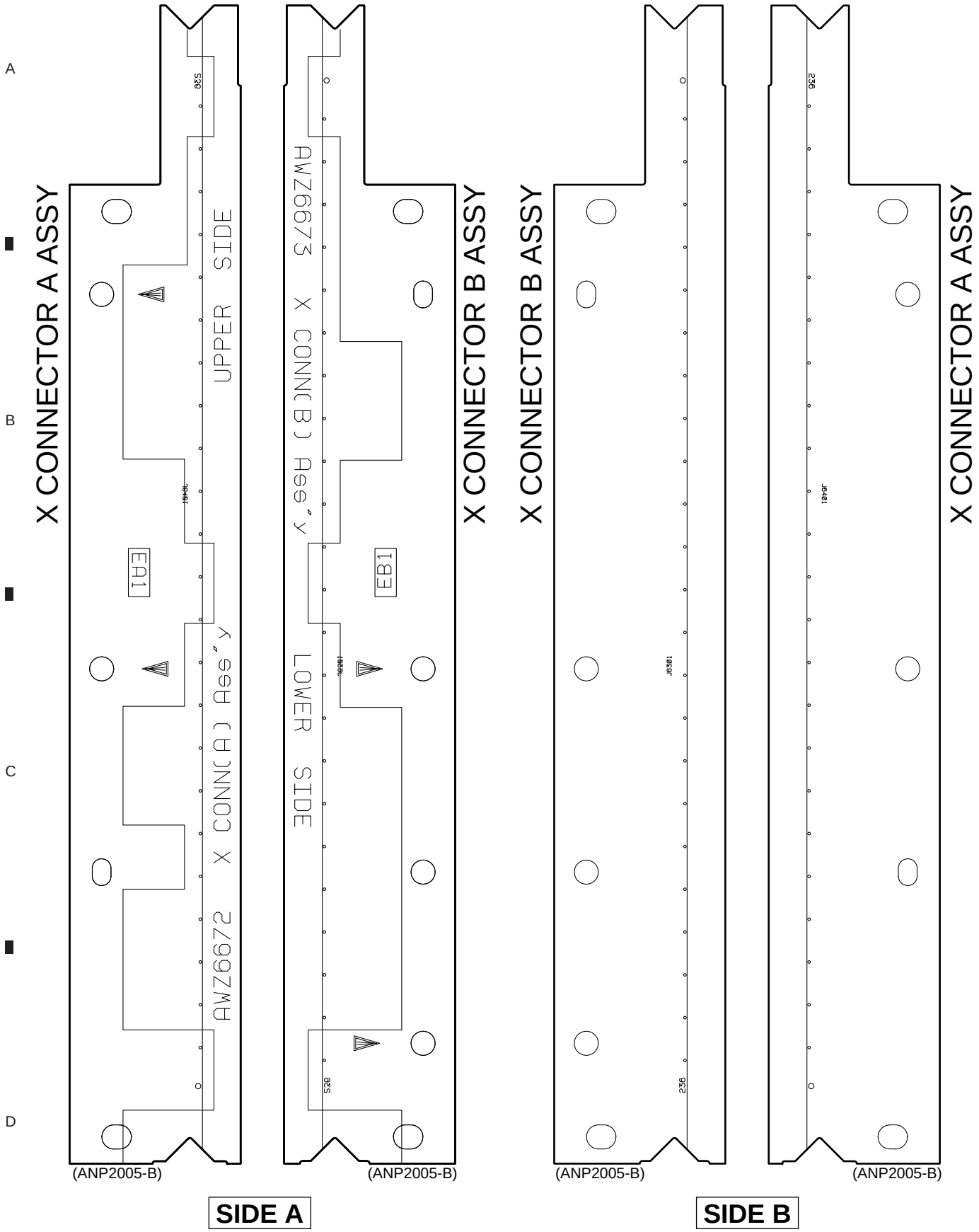
ADR RESONANCE ASSY



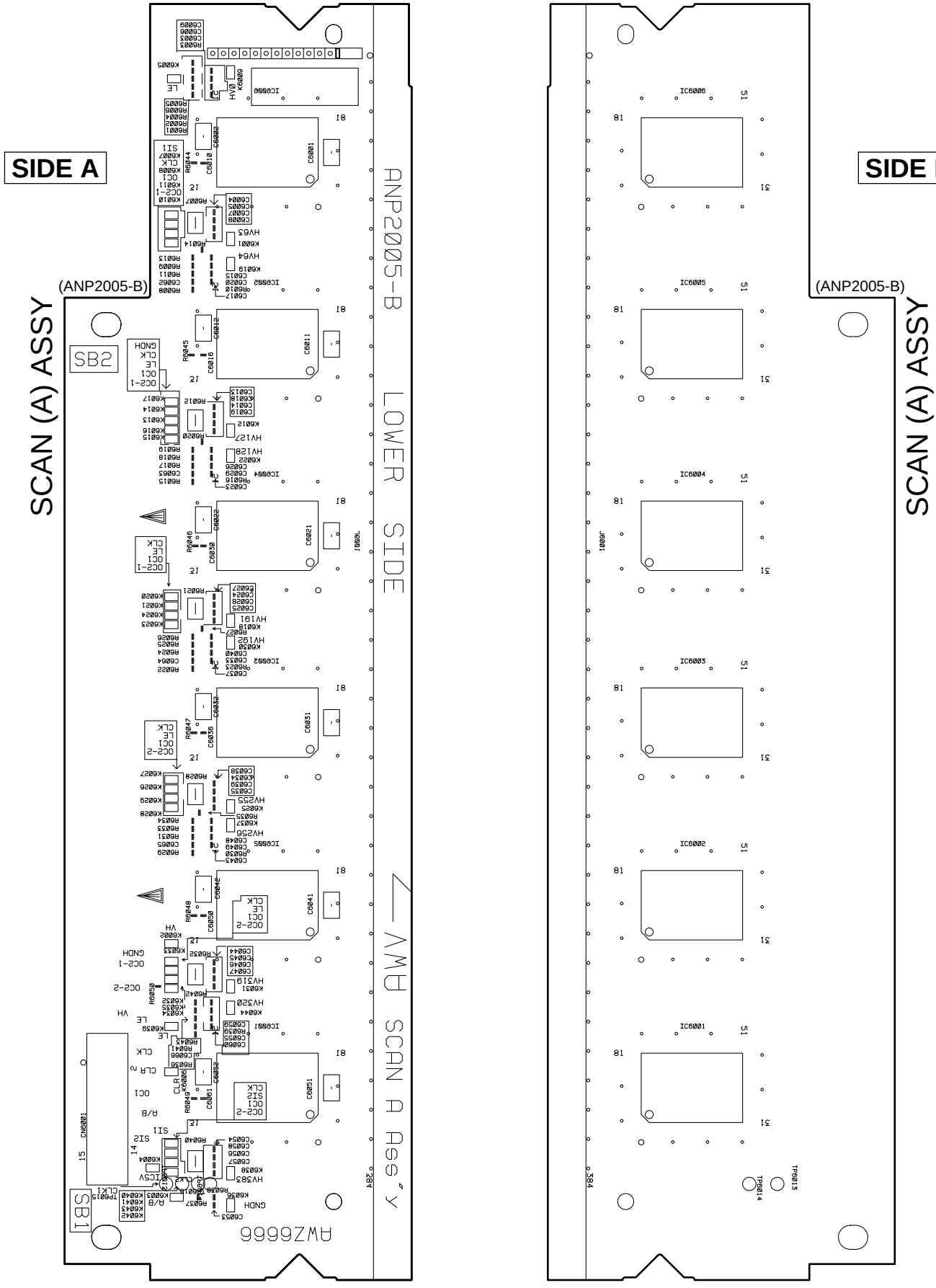
(ANP2006-A)

SIDE A

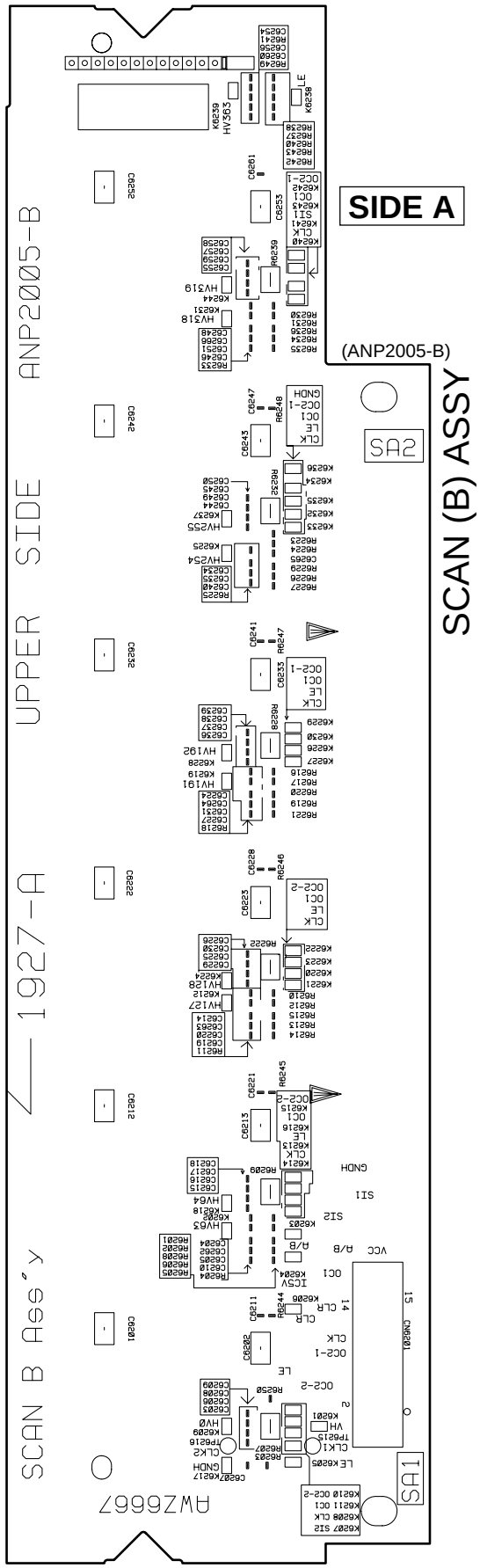
■ X CONNECTOR A and B ASSYS

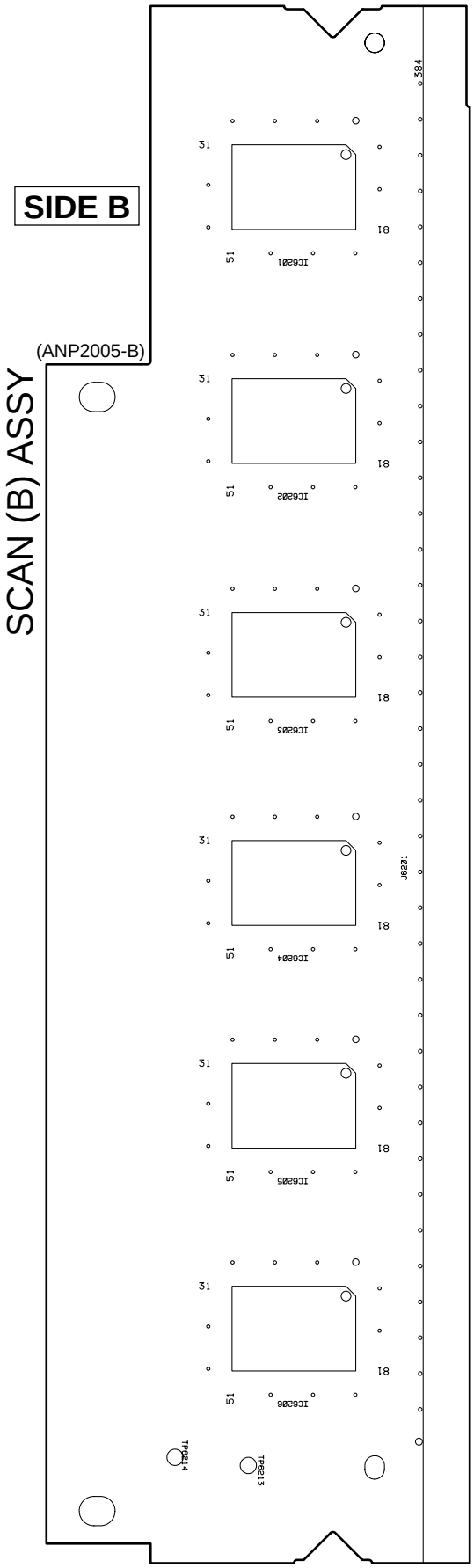


■ SCAN (A) ASSY

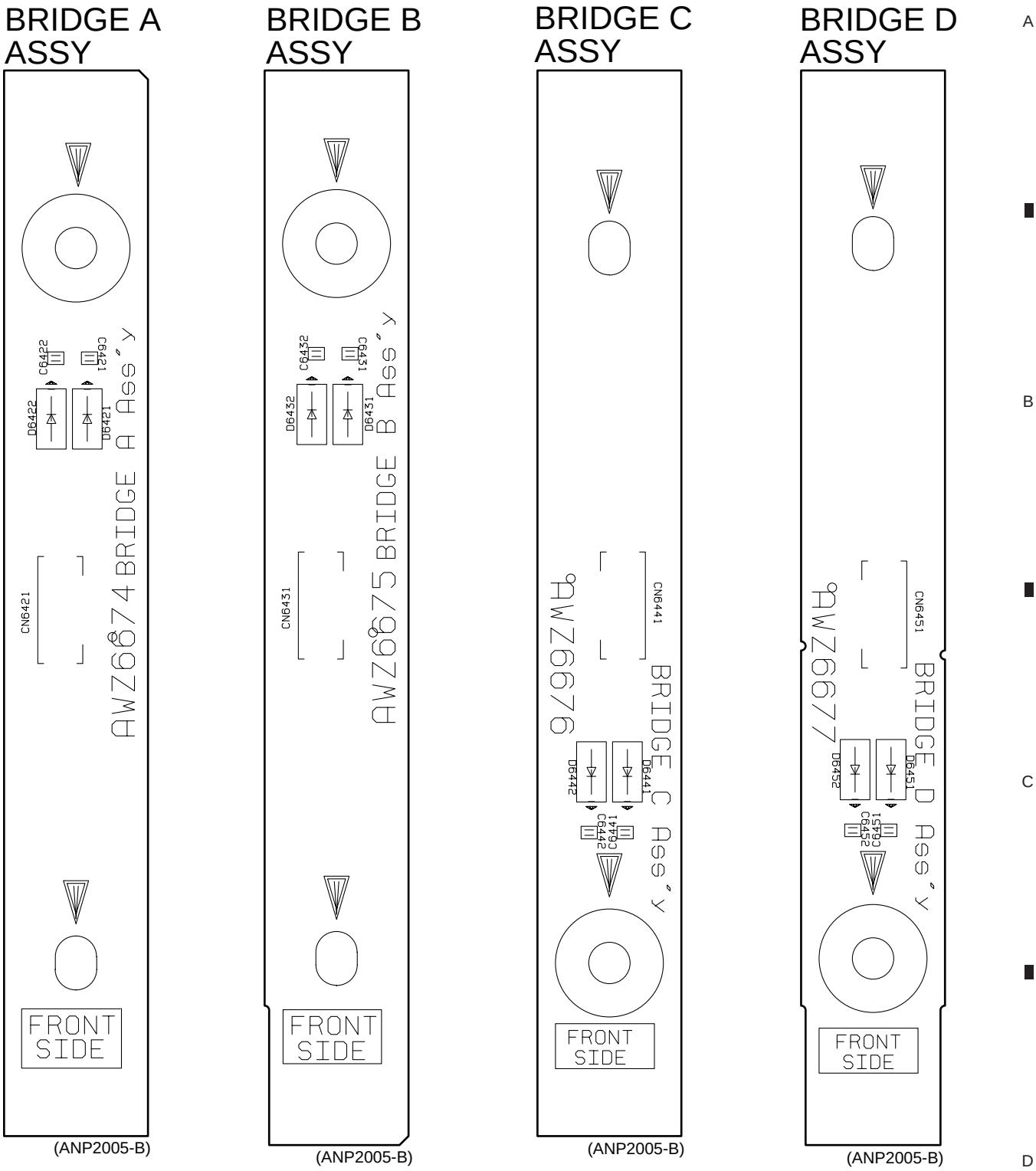

SIDE A
SIDE B
(ANP2005-B)
(ANP2005-B)
SCAN (A) ASSY
SCAN (A) ASSY
ANP2005-B LOWER SIDE
AWA SCAN A Ass'y
AWZ6666
SB1
SB2
CN6001
IC6006
IC6005
IC6004
IC6003
IC6002
IC6001
J6001
TP6013
TP6014

■ SCAN (B) ASSY


SIDE A
(ANP2005-B)
SCAN (B) ASSY
ANP2005-B
UPPER SIDE
1927-A
SCAN B Ass'y
RWZ6667
SA1
SA2

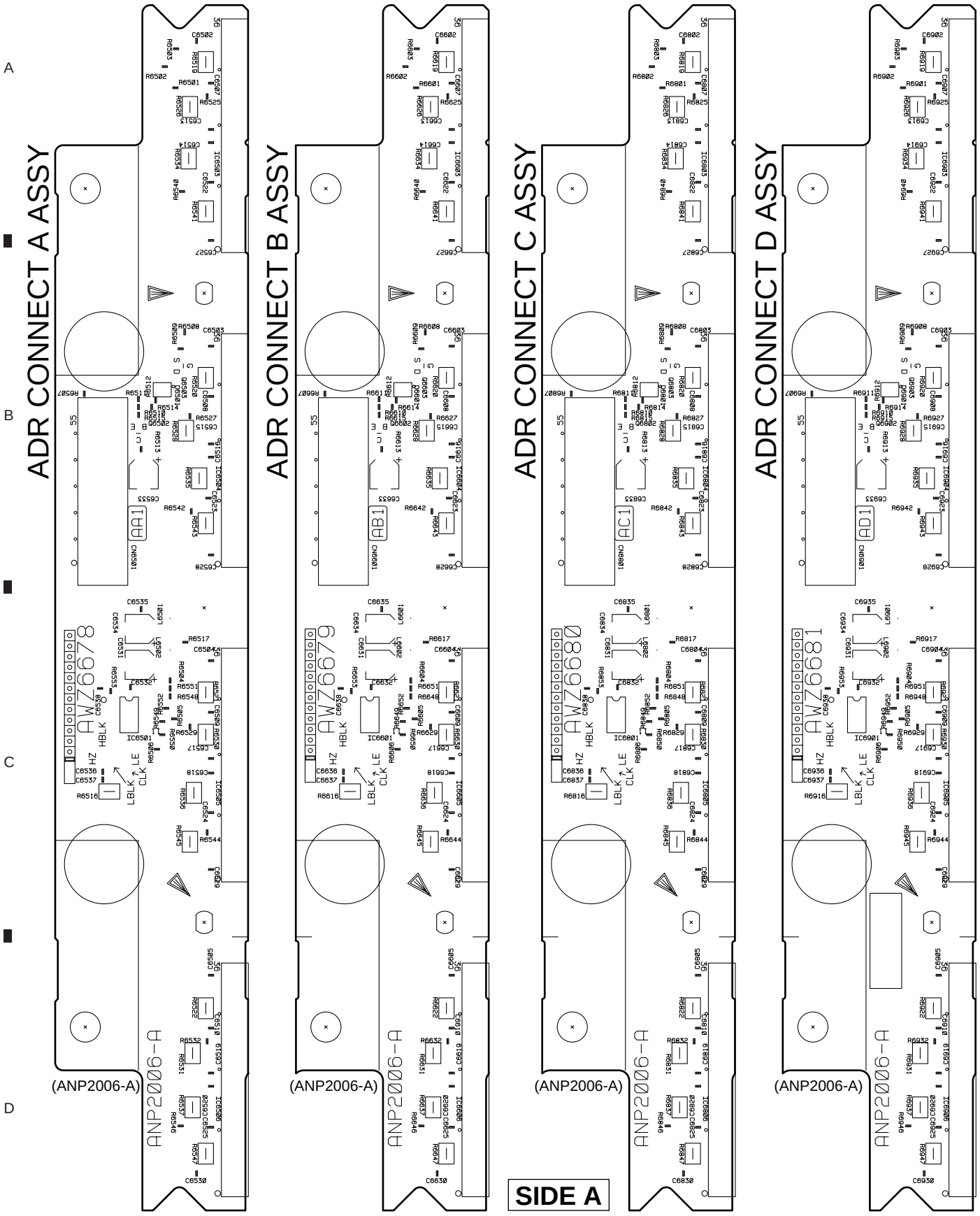

SIDE B
(ANP2005-B)
SCAN (B) ASSY

■ BRIDGE A - D ASSYS



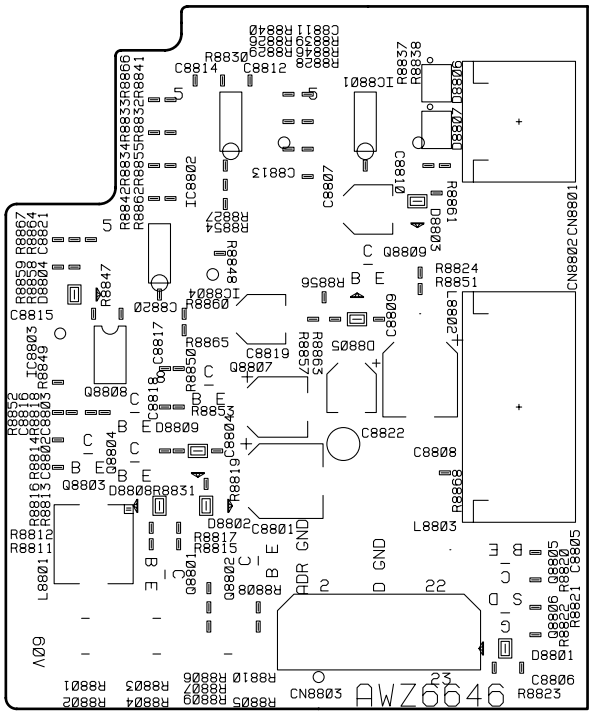
SIDE A

■ ADR CONNECT A - D ASSYS



■ SUB ADDRESS A and B ASSYS

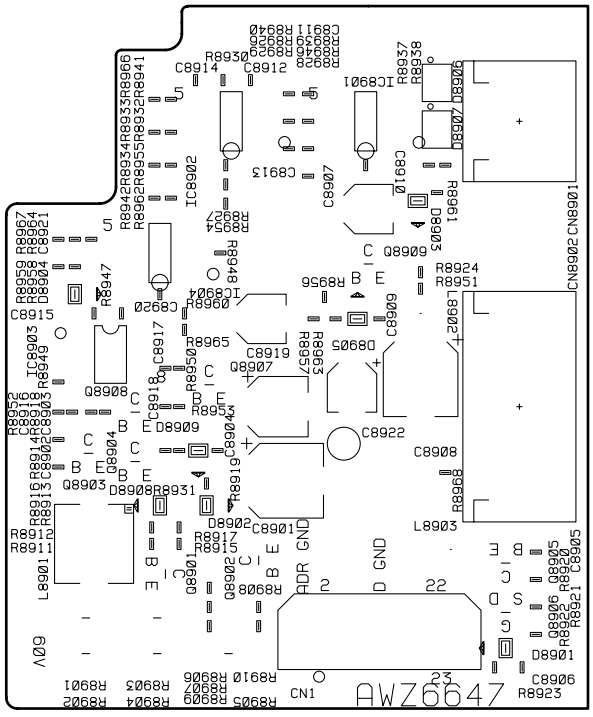
SUB ADDRESS A ASSY



(ANP1984-C)

SIDE A

SUB ADDRESS B ASSY

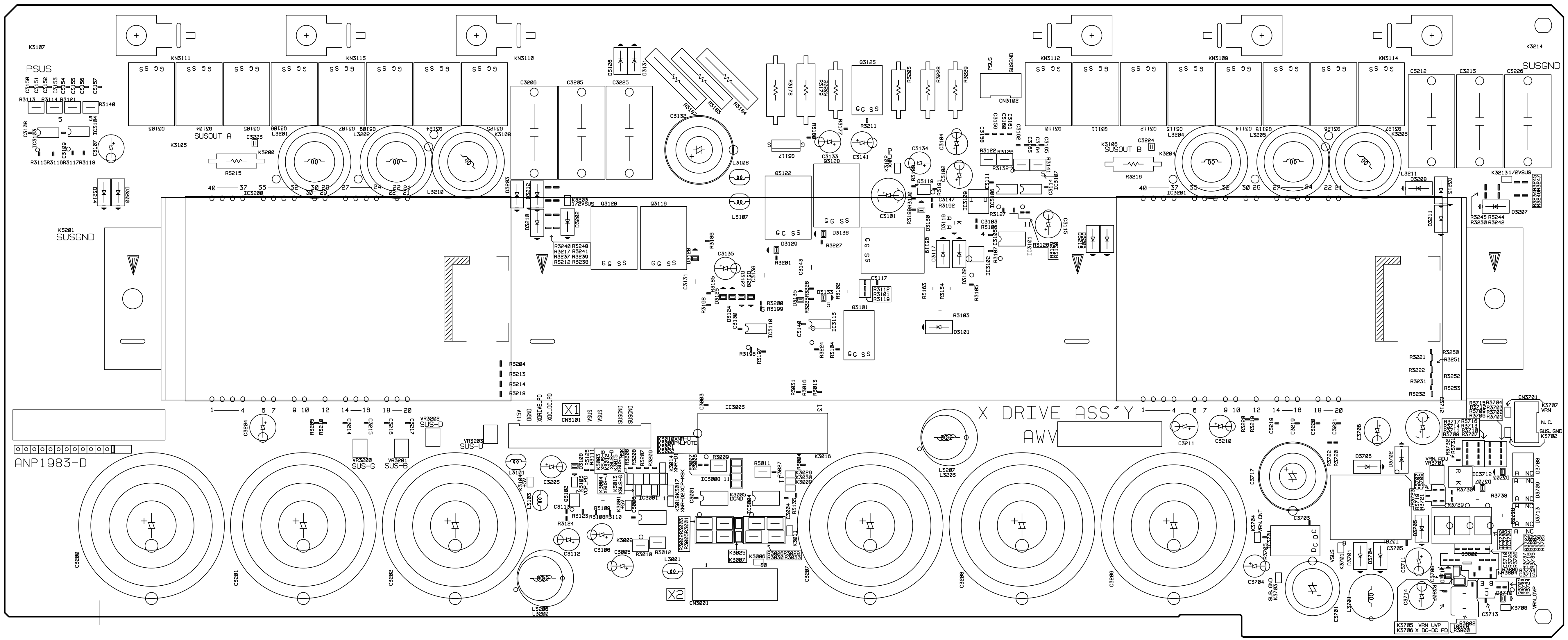


(ANP1984-C)

SIDE A

■ X DRIVE ASSY

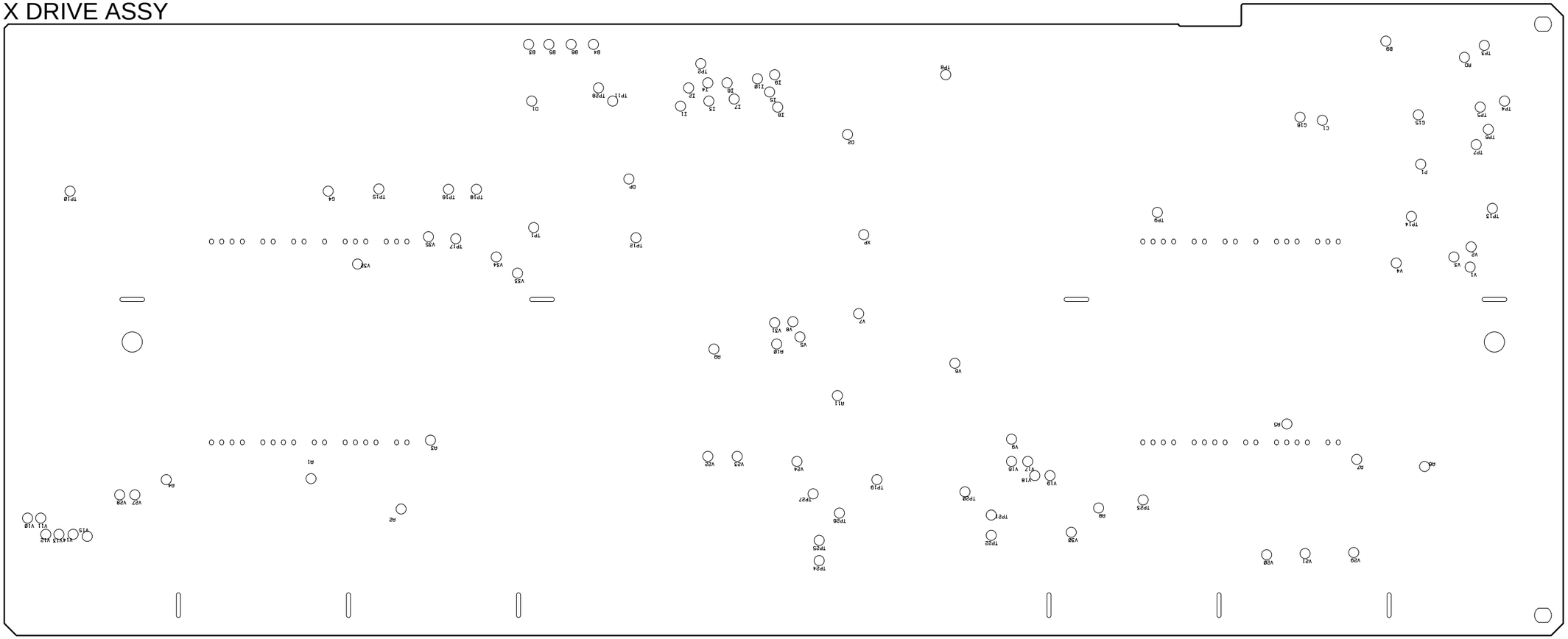
X DRIVE ASSY



(ANP1983-D)

SIDE A

X DRIVE ASSY

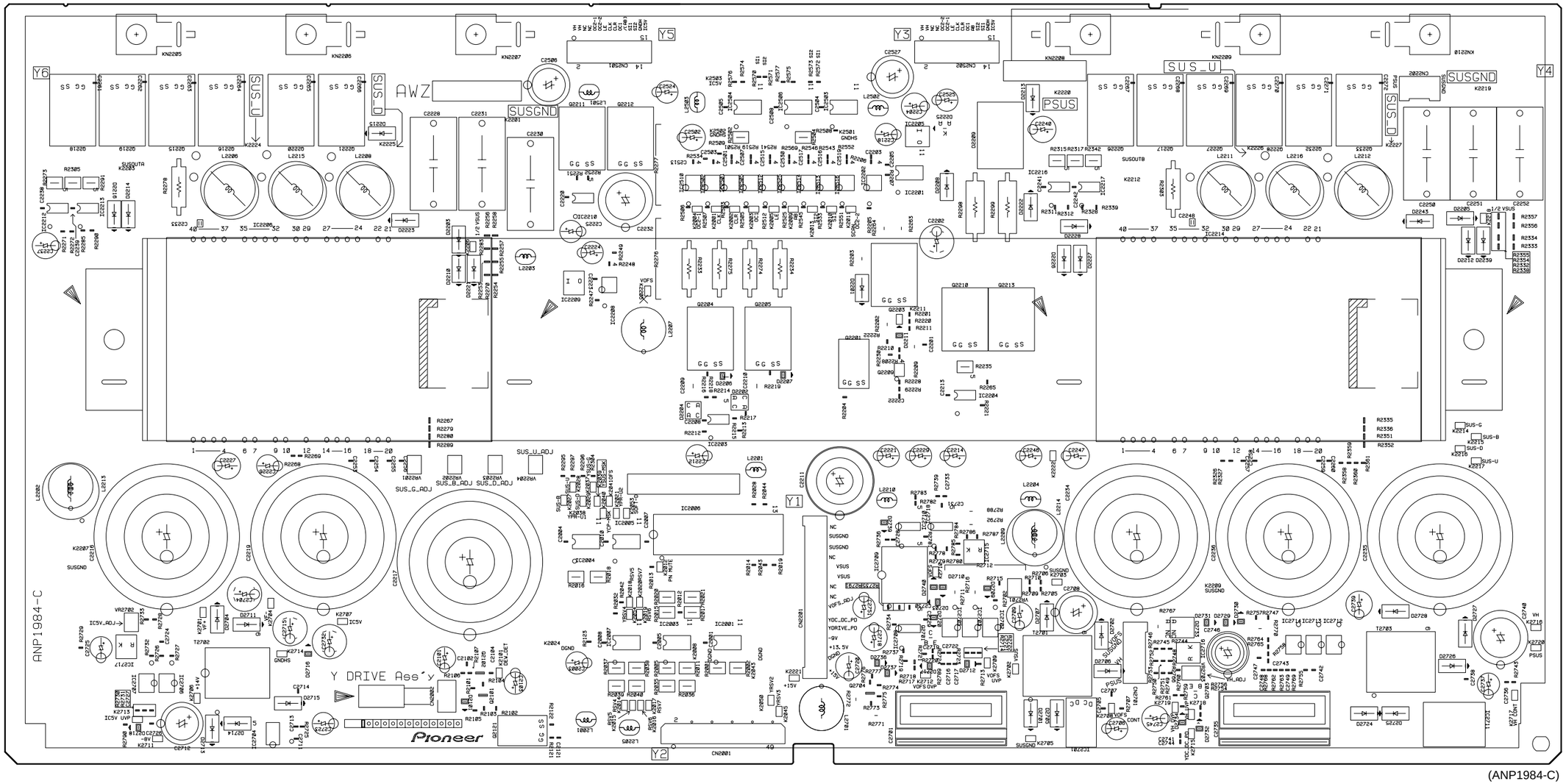


(ANP1983-D)

SIDE B

Y DRIVE ASSY

Y DRIVE ASSY

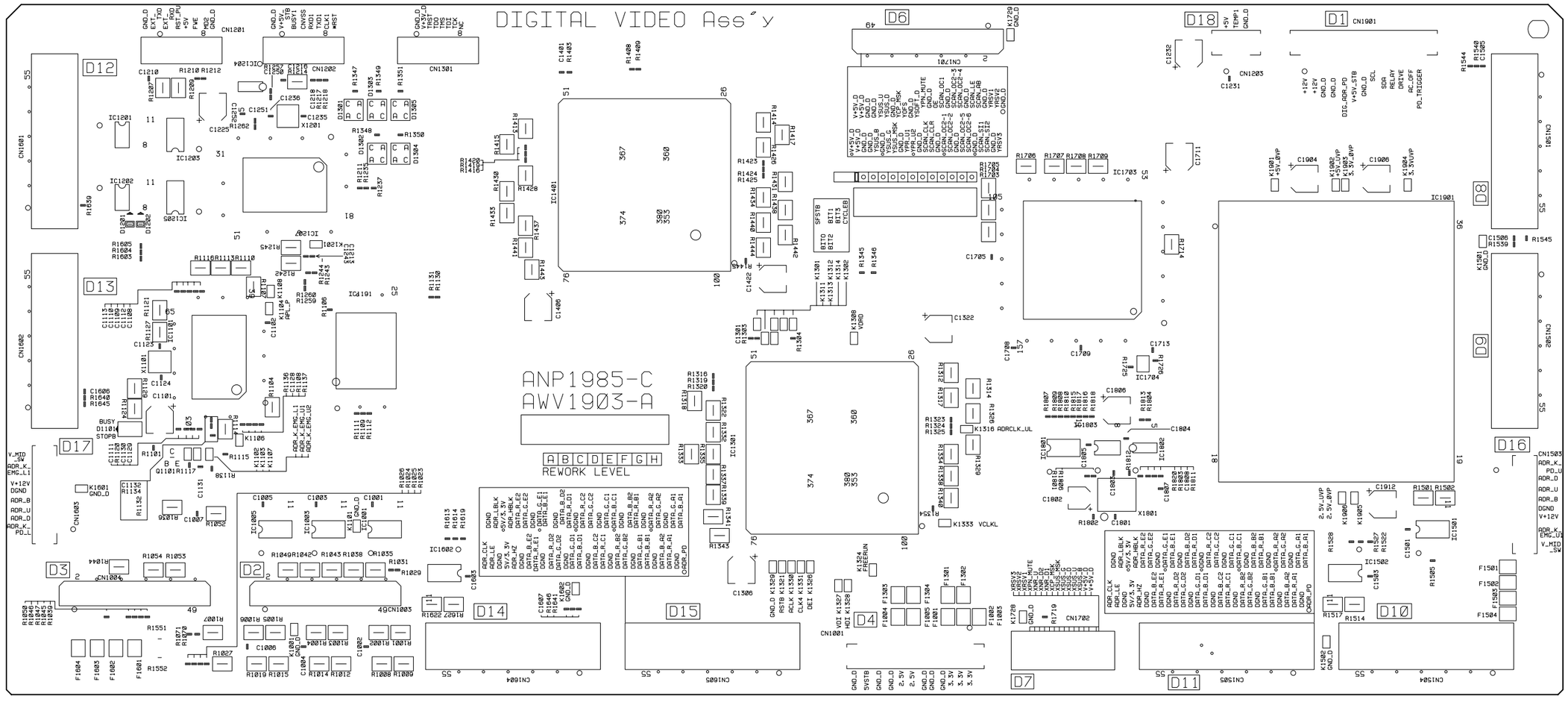


(ANP1984-C)

SIDE A

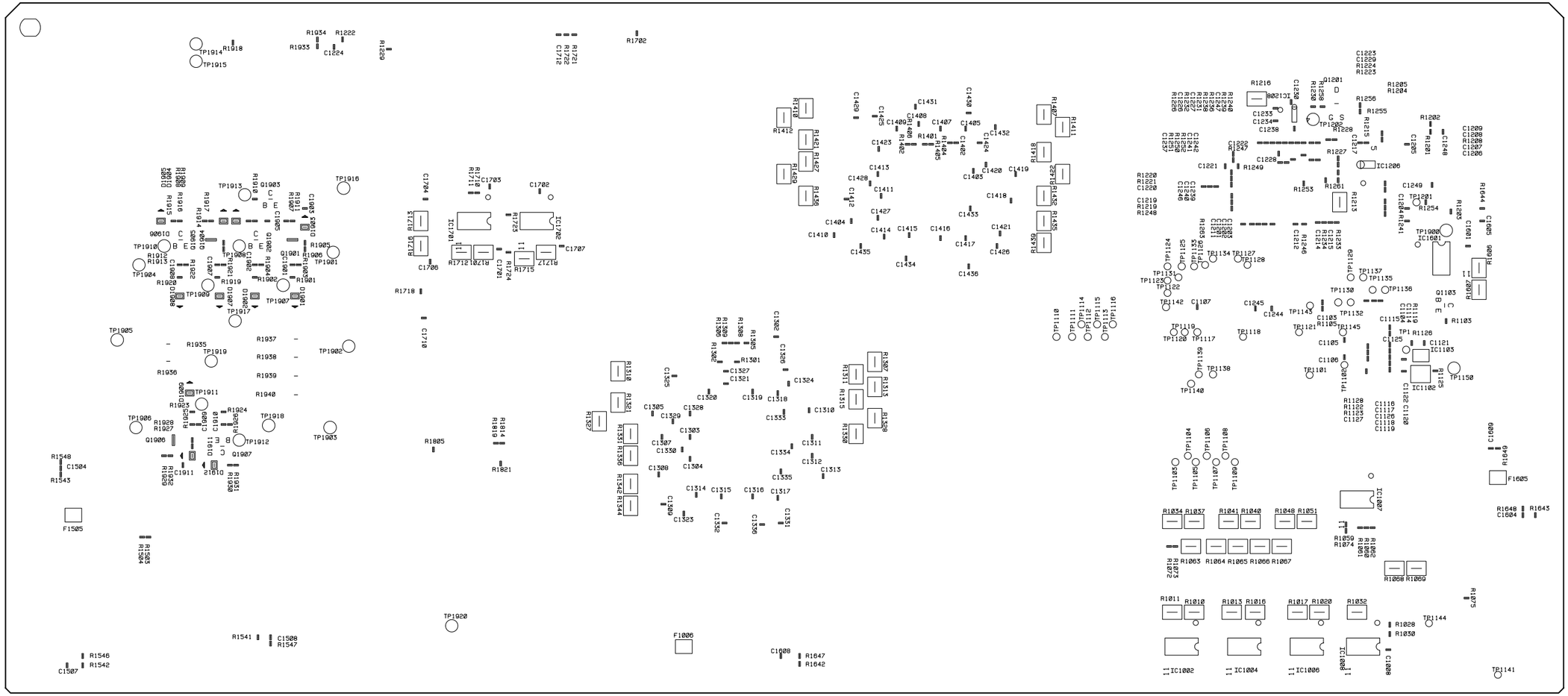
■ DIGITAL VIDEO ASSY

DIGITAL VIDEO ASSY



(ANP1985-C)

DIGITAL VIDEO ASSY



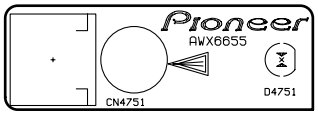
(ANP1985-C)

SIDE B

■ LED, FRONT KEY, FRONT KEY CONN, IR RECEIVE (P) and SENSOR ASSYS

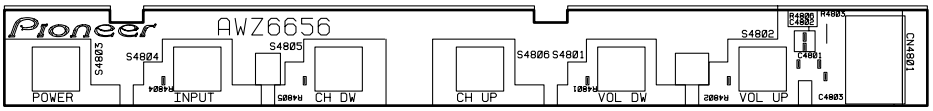
A

LED ASSY



(ANP1997-B)

FRONT KEY ASSY

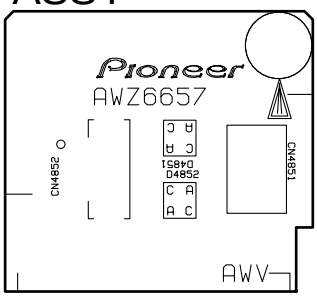


(ANP1997-B)

■

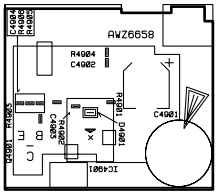
FRONT KEY CONN ASSY

B



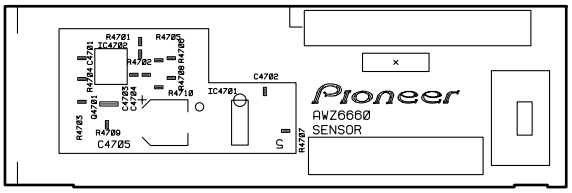
(ANP1997-B)

IR RECEIVE (P) ASSY



(ANP1997-B)

SENSOR ASSY



(ANP1997-B)

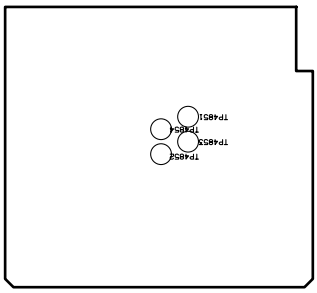
■

SIDE A

■

FRONT KEY CONN ASSY

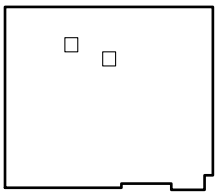
C



(ANP1997-B)

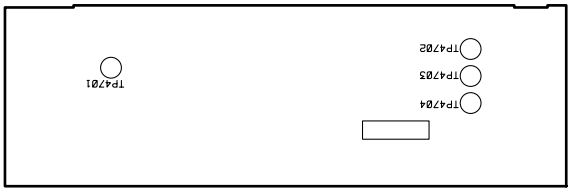
■

IR RECEIVE (P) ASSY



(ANP1997-B)

SENSOR ASSY



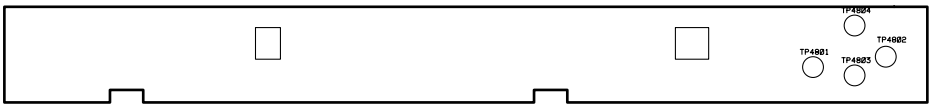
(ANP1997-B)

LED ASSY

D

(ANP1997-B)

FRONT KEY ASSY



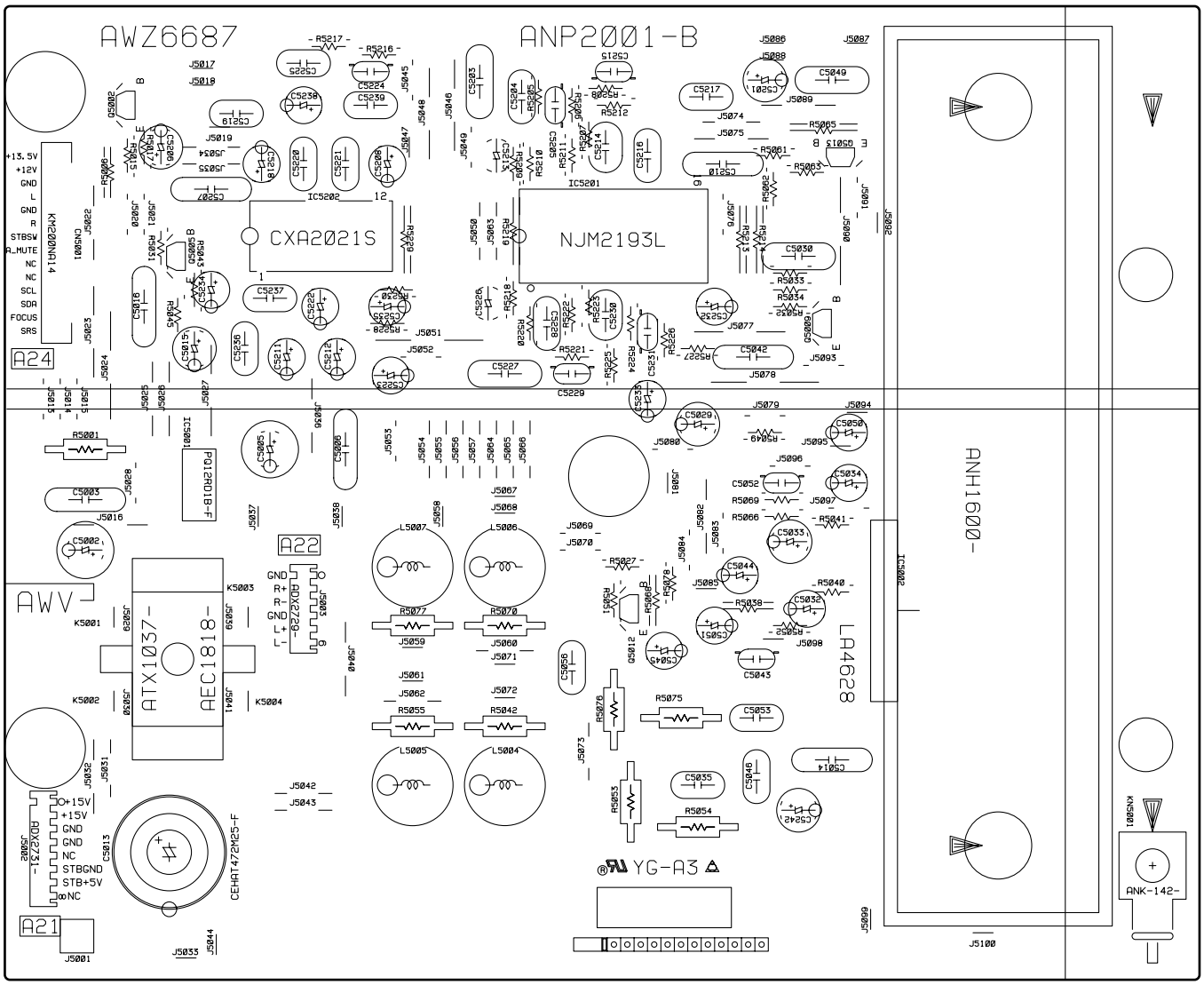
(ANP1997-B)

SIDE B

■ AUDIO AMP and SP TERMINAL ASSYS

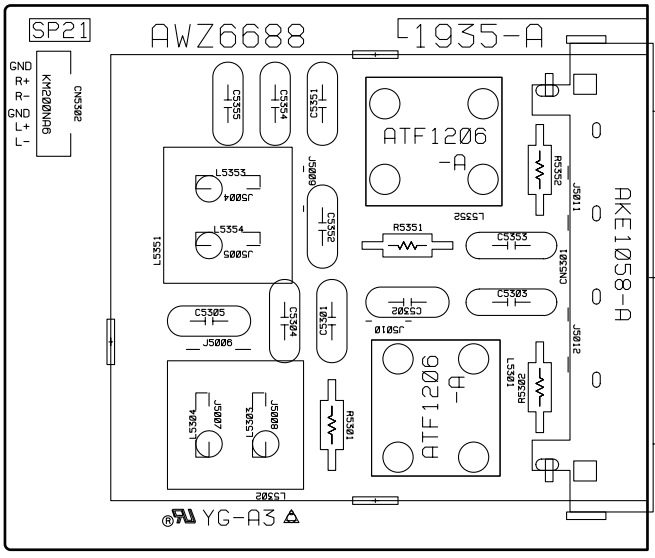
AUDIO AMP ASSY

SIDE A



(ANP2001-B)

SP TERMINAL ASSY

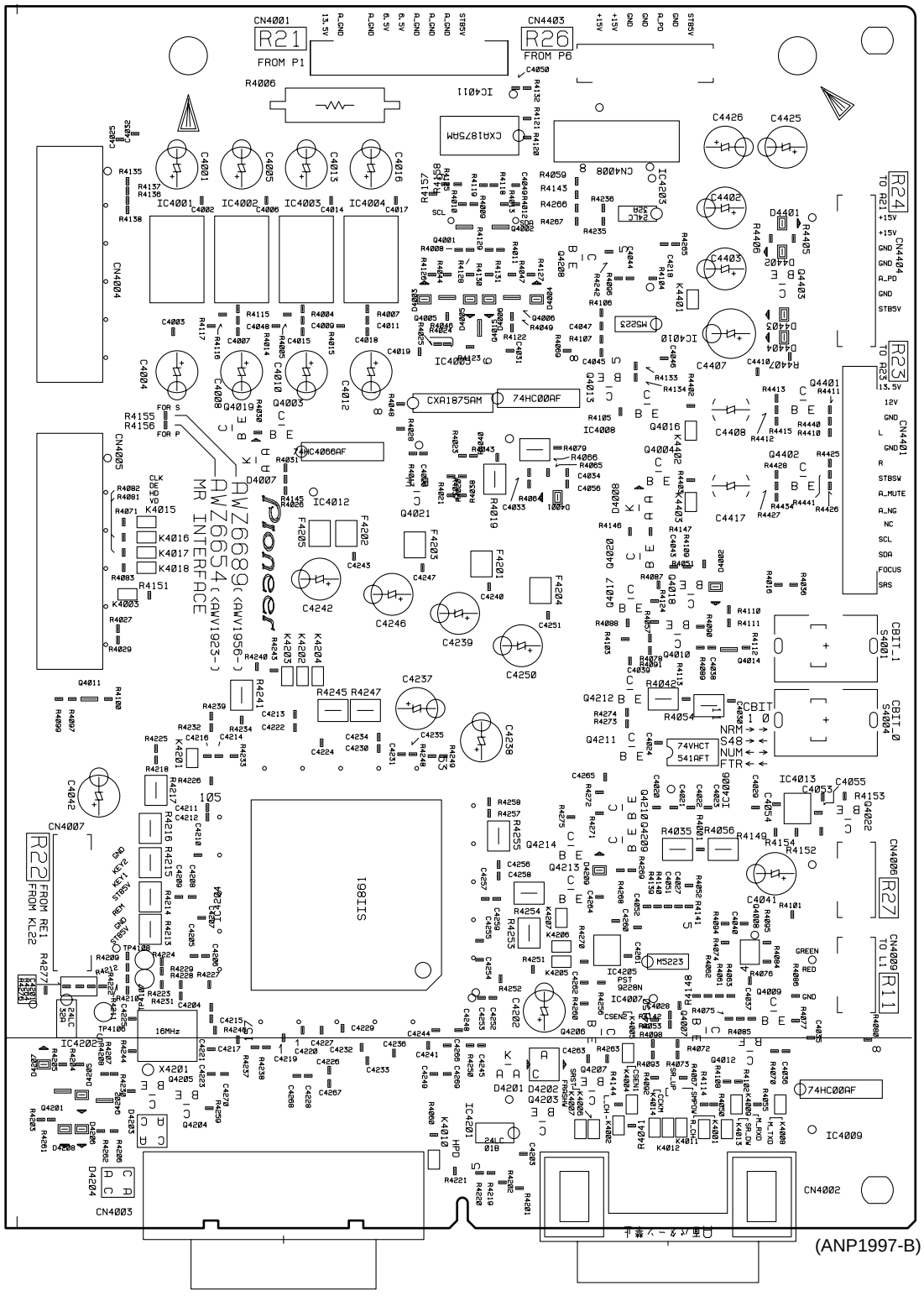


SIDE A

(ANP2001-B)

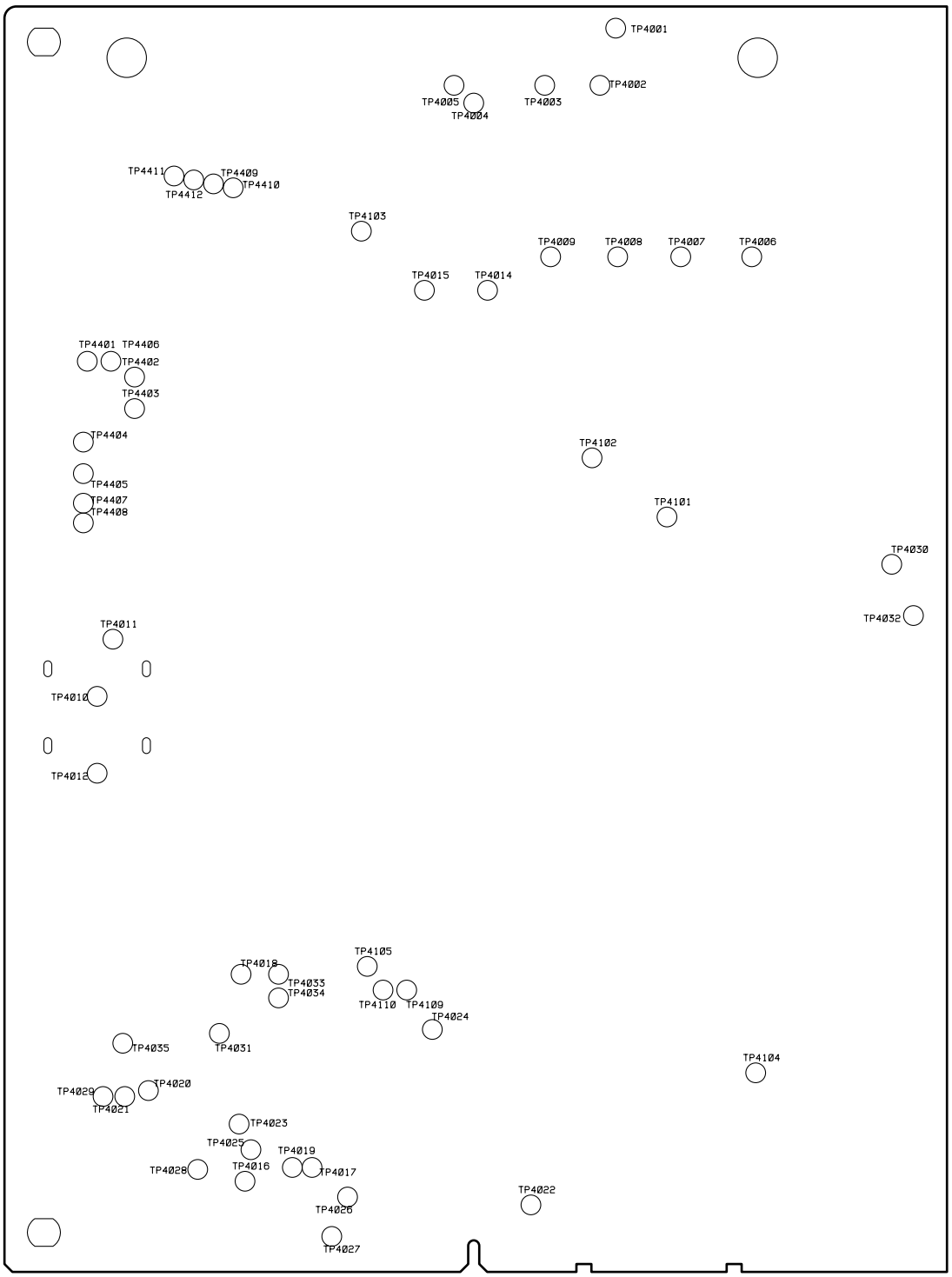
■ MR INTERFACE ASSY

MR INTERFACE ASSY



SIDE A

MR INTERFACE ASSY



(ANP1997-B)

SIDE B

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "⚠" in the Replacement Parts Lists.
The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION
5. CODE
6. QUANTITY

NOTES

- Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
- The ⚠ mark found on some component parts indicates the importance of the safety factor of the part.
  Therefore, when replacing, be sure to use parts of identical designation.

in **USA**: Contact your nearest SHARP Parts Distributor.
For location of SHARP Parts Distributor,
Please call Toll-Free; 1-800-BE-SHARP

in **CANADA**: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100.

MARK ★: SPARE PARTS-DELIVERY SECTION

PRINTED WIRING BOARD ASSEMBLIES

Mark	Ref. No.	Part No.	★	Description	Code
NSP		9GJAWV1927	–	SCAN FUKUGO ASSY	—
NSP		9GJAWZ6666	–	├ SCAN (A) ASSY	—
NSP		9GJAWZ6667	–	├ SCAN (B) ASSY	—
NSP		9GJAWZ6672	–	├ X CONNECTOR (A) ASSY	—
NSP		9GJAWZ6673	–	├ X CONNECTOR (B) ASSY	—
		9GJAWZ6674	J	├ BRIDGE A ASSY	
		9GJAWZ6675	J	├ BRIDGE B ASSY	
		9GJAWZ6676	J	├ BRIDGE C ASSY	
		9GJAWZ6677	J	└ BRIDGE D ASSY	
NSP		9GJAWV1928	–	ADDRESS FUKUGO ASSY	—
		9GJAWZ6668	J	├ CLAMP A ASSY	
		9GJAWZ6669	J	├ CLAMP B ASSY	
NSP		9GJAWZ6678	–	├ ADR CONNECT A ASSY	—
NSP		9GJAWZ6679	–	├ ADR CONNECT B ASSY	—
NSP		9GJAWZ6680	–	├ ADR CONNECT C ASSY	—
NSP		9GJAWZ6681	–	├ ADR CONNECT D ASSY	—
		9GJAWZ6682	J	└ ADR RESONANCE ASSY	
		9GJAWV1930	J	X DRIVE ASSY	
NSP		9GJAWV1931	–	HD Y DRIVE ASSY	—
		9GJAWZ6683	J	├ Y DRIVE ASSY	
		9GJAWZ6692	J	├ SUB ADDRESS A ASSY	
		9GJAWZ6693	J	└ SUB ADDRESS B ASSY	
		9GJAWV1929	J	DIGITAL VIDEO ASSY	
NSP		9GJAWV1956	–	HD FUKUGO ASSY	—
		9GJAWZ6694	J	├ MR INTERFACE ASSY	BS
		9GJAWZ6655	J	├ LED ASSY	
		9GJAWZ6656	J	├ FRONT KEY ASSY	
		9GJAWZ6657	J	├ FRONT KEY CONN ASSY	
		9GJAWZ6659	J	├ IR RECEIVE (P) ASSY	
		9GJAWZ6660	J	└ SENSOR ASSY	
NSP		9GJAWV1935	–	HD AUDIO ASSY	—
		9GJAWZ6687	J	├ AUDIO AMP ASSY	
		9GJAWZ6688	J	└ SP TERMINAL ASSY	
		9GJAXY1056	J	SW POWER MODULE	CP

9GJAWZ6666
SCAN (A) ASSY

INTEGRATED CIRCUITS

Mark	Ref. No.	Part No.	★	Description	Code
	IC6001	9GJSN755860PJ	J	Scan IC	BH
	IC6002	9GJSN755860PJ	J	Scan IC	BH
	IC6003	9GJSN755860PJ	J	Scan IC	BH
	IC6004	9GJSN755860PJ	J	Scan IC	BH
	IC6005	9GJSN755860PJ	J	Scan IC	BH
	IC6006	9GJSN755860PJ	J	Scan IC	BH

CAPACITORS

Mark	Ref. No.	Part No.	★	Description	Code
	C6001	9GJACG1088	J	0.1 250V Ceramic	AL
	C6002	9GJACG1088	J	0.1 250V Ceramic	AL
	C6011	9GJACG1088	J	0.1 250V Ceramic	AL
	C6012	9GJACG1088	J	0.1 250V Ceramic	AL
	C6021	9GJACG1088	J	0.1 250V Ceramic	AL
	C6022	9GJACG1088	J	0.1 250V Ceramic	AL
	C6031	9GJACG1088	J	0.1 250V Ceramic	AL
	C6032	9GJACG1088	J	0.1 250V Ceramic	AL
	C6041	9GJACG1088	J	0.1 250V Ceramic	AL
	C6042	9GJACG1088	J	0.1 250V Ceramic	AL
	C6051	9GJACG1088	J	0.1 250V Ceramic	AL
	C6052	9GJACG1088	J	0.1 250V Ceramic	AL
	C6004	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6005	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6009	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6013	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6015	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6020	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6026	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6027	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6029	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6033	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6038	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6040	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6044	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6048	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6049	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6054	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6058	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6059	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6060	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD
	C6062	9GJCCSRCH151J5	J	150p 50V Ceramic (Chip)	AD

Mark	Ref. No.	Part No.	★	Description	Code

9GJAWZ6666
SCAN (A) ASSY (Continued)

	C6063	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6064	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6065	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6066	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6007	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6008	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6014	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6019	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6025	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6028	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6035	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6039	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6046	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6047	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6056	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6057	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6003	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6006	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6017	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6018	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6023	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6024	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6034	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6037	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6043	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6045	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6053	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6055	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6010	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6016	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6030	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6036	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6050	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6061	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

	R6007	9GJRAB4C221J	J			Resistor Array	AL
	R6012	9GJRAB4C221J	J			Resistor Array	AL
	R6021	9GJRAB4C221J	J			Resistor Array	AL
	R6028	9GJRAB4C221J	J			Resistor Array	AL
	R6032	9GJRAB4C221J	J			Resistor Array	AL
	R6040	9GJRAB4C221J	J			Resistor Array	AL
	R6001	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6004	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6006	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6008	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6011	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6014	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6015	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6017	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6020	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6022	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6024	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6027	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6029	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6031	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6035	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6036	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6037	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6041	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6043	9GJRS1/16S221J	J	220	1/16W	Chip	AC

MISCELLANEOUS PARTS

	CN6001	9GJAKP1218	J	Connector, 15-pin	AL

Mark	Ref. No.	Part No.	★	Description	Code

9GJAWZ6667
SCAN (B) ASSY

INTEGRATED CIRCUITS

	IC6201	9GJSN755860PJ	J	Scan IC	BH
	IC6202	9GJSN755860PJ	J	Scan IC	BH
	IC6203	9GJSN755860PJ	J	Scan IC	BH
	IC6204	9GJSN755860PJ	J	Scan IC	BH
	IC6205	9GJSN755860PJ	J	Scan IC	BH
	IC6206	9GJSN755860PJ	J	Scan IC	BH

CAPACITORS

	C6201	9GJACG1088	J	0.1	250V	Ceramic	AL
	C6202	9GJACG1088	J	0.1	250V	Ceramic	AL
	C6212	9GJACG1088	J	0.1	250V	Ceramic	AL
	C6213	9GJACG1088	J	0.1	250V	Ceramic	AL
	C6222	9GJACG1088	J	0.1	250V	Ceramic	AL
	C6223	9GJACG1088	J	0.1	250V	Ceramic	AL
	C6232	9GJACG1088	J	0.1	250V	Ceramic	AL
	C6233	9GJACG1088	J	0.1	250V	Ceramic	AL
	C6242	9GJACG1088	J	0.1	250V	Ceramic	AL
	C6243	9GJACG1088	J	0.1	250V	Ceramic	AL
	C6252	9GJACG1088	J	0.1	250V	Ceramic	AL
	C6253	9GJACG1088	J	0.1	250V	Ceramic	AL
	C6203	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6205	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6206	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6210	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6215	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6219	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6220	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6227	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6229	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6231	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6235	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6236	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6240	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6244	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6246	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6251	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6255	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6259	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6260	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6262	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6263	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6264	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6265	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6266	9GJCCSRCH151J5	J	150p	50V	Ceramic (Chip)	AD
	C6208	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6209	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6217	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6218	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6226	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6230	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6238	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6239	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6245	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6250	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6257	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6258	9GJCCSRCH181J5	J	180p	50V	Ceramic	AD
	C6204	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6207	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6214	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6216	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6224	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6225	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6234	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6237	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6248	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6249	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6254	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6256	9GJCCSRCH390J5	J	39p	50V	Ceramic	AD
	C6211	9GJCKSRYF104Z1	J	0.1	50V	Ceramic	AD
	C6221	9GJCKSRYF104Z1	J	0.1	50V	Ceramic	AD

Mark	Ref. No.	Part No.	★	Description	Code

9GJAWZ6667
SCAN (B) ASSY (Continued)

	C6228	9GJCKSRYF104Z1	J	0.1	50V	Ceramic	AD
	C6241	9GJCKSRYF104Z1	J	0.1	50V	Ceramic	AD
	C6247	9GJCKSRYF104Z1	J	0.1	50V	Ceramic	AD
	C6261	9GJCKSRYF104Z1	J	0.1	50V	Ceramic	AD
		RESISTORS					
	R6207	9GJRAB4C221J	J			Resistor Array	AL
	R6209	9GJRAB4C221J	J			Resistor Array	AL
	R6222	9GJRAB4C221J	J			Resistor Array	AL
	R6228	9GJRAB4C221J	J			Resistor Array	AL
	R6232	9GJRAB4C221J	J			Resistor Array	AL
	R6239	9GJRAB4C221J	J			Resistor Array	AL
	R6201	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6203	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6205	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6208	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6210	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6214	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6215	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6216	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6220	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6221	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6223	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6227	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6229	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6230	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6235	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6236	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6237	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6240	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6243	9GJRS1/16S221J	J	220	1/16W	Chip	AC
		MISCELLANEOUS PARTS					
	CN6201	9GJAKP1218	J	Connector, 15-pin			AL

9GJAWZ6672
X CONNECTOR (A) ASSY

		RESISTORS					
	R6401	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC

9GJAWZ6673
X CONNECTOR (B) ASSY

		RESISTORS					
	R6451	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC

9GJAWZ6674
BRIDGE A ASSY

		DIODES					
	D6421	9GJD1FL20U	J	Diode			AG
	D6422	9GJD1FL20U	J	Diode			AG
		CAPACITORS					
	C6421	9GJACG1098	J	0.1	100V	Ceramic	AL
	C6422	9GJACG1098	J	0.1	100V	Ceramic	AL
		MISCELLANEOUS PARTS					
	CN6421	9GJB4B-PH-SM3	J	PH Connector (SMT)			AN

9GJAWZ6675
BRIDGE B ASSY

		DIODES					
	D6431	9GJD1FL20U	J	Diode			AG
	D6432	9GJD1FL20U	J	Diode			AG
		CAPACITORS					
	C6431	9GJACG1098	J	0.1	100V	Ceramic	AL
	C6432	9GJACG1098	J	0.1	100V	Ceramic	AL
		MISCELLANEOUS PARTS					
	CN6431	9GJB4B-PH-SM3	J	PH Connector (SMT)			AN

9GJAWZ6676
BRIDGE C ASSY

		DIODES					
	D6441	9GJD1FL20U	J	Diode			AG
	D6442	9GJD1FL20U	J	Diode			AG
		CAPACITORS					
	C6441	9GJACG1098	J	0.1	100V	Ceramic	AL
	C6442	9GJACG1098	J	0.1	100V	Ceramic	AL
		MISCELLANEOUS PARTS					
	CN6441	9GJB4B-PH-SM3	J	PH Connector (SMT)			AN

9GJAWZ6677
BRIDGE D ASSY

		DIODES					
	D6451	9GJD1FL20U	J	Diode			AG
	D6452	9GJD1FL20U	J	Diode			AG
		CAPACITORS					
	C6451	9GJACG1098	J	0.1	100V	Ceramic	AL
	C6452	9GJACG1098	J	0.1	100V	Ceramic	AL
		MISCELLANEOUS PARTS					
	CN6451	9GJB4B-PH-SM3	J	PH Connector (SMT)			AN

Mark	Ref. No.	Part No.	★	Description	Code

9GJAWZ6668
CLAMP A ASSY

DIODES

	D6461	9GJD1FL20U	J	Diode	AG
	D6462	9GJD1FL20U	J	Diode	AG

CAPACITORS

	C6461	9GJACG1098	J	0.1	100V	Ceramic	AL
	C6462	9GJACG1098	J	0.1	100V	Ceramic	AL

MISCELLANEOUS PARTS

	CN6461	9GJB4B-PH-SM3	J	PH Connector (SMT)	AN

9GJAWZ6669
CLAMP B ASSY

DIODES

	D6471	9GJD1FL20U	J	Diode	AG
	D6472	9GJD1FL20U	J	Diode	AG

CAPACITORS

	C6471	9GJACG1098	J	0.1	100V	Ceramic	AL
	C6472	9GJACG1098	J	0.1	100V	Ceramic	AL

MISCELLANEOUS PARTS

	CN6471	9GJB4B-PH-SM3	J	PH Connector (SMT)	AN

9GJAWZ6678
ADR CONNECT A ASSY

INTEGRATED CIRCUITS

	IC6501	9GJTC74VHC541F	J	Logic IC	AN

TRANSISTORS

	Q6502	9GJ2SC2712	J	2SC2712	AC
	Q6503	9GJ2SK209	J	2SK209	AL

DIODE

	D6501	9GJDA227	J	Diode	AL

COILS

	L6501	9GJATH1081	J	Coil 22µH/0.11A (Chip)	AE
	L6502	9GJATH1081	J	Coil 22µH/0.11A (Chip)	AE

CAPACITORS

	C6504	9GJACG1094	J	330p	100V	Ceramic	AL
	C6513	9GJACG1094	J	330p	100V	Ceramic	AL
	C6515	9GJACG1094	J	330p	100V	Ceramic	AL
	C6516	9GJACG1094	J	330p	100V	Ceramic	AL
	C6517	9GJACG1094	J	330p	100V	Ceramic	AL
	C6518	9GJACG1094	J	330p	100V	Ceramic	AL
	C6519	9GJACG1094	J	330p	100V	Ceramic	AL
	C6520	9GJACG1094	J	330p	100V	Ceramic	AL
	C6528	9GJACG1094	J	330p	100V	Ceramic	AL
	C6531	9GJACH1341	J	47	6.3V	Electrolytic	AL
	C6533	9GJACH1341	J	47	6.3V	Electrolytic	AL
	C6534	9GJACH1341	J	47	6.3V	Electrolytic	AL
	C6536	9GJCCSRCH121J5	J	120p	50V	Ceramic	AD
	C6537	9GJCCSRCH121J5	J	120p	50V	Ceramic	AD
	C6538	9GJCCSRCH121J5	J	120p	50V	Ceramic	AD
	C6507	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6508	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6510	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6522	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6523	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6524	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6525	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6532	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6535	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

	R6519	9GJRAB4C100J	J			Resistor Array	AL
	R6520	9GJRAB4C100J	J			Resistor Array	AL
	R6521	9GJRAB4C100J	J			Resistor Array	AL
	R6522	9GJRAB4C100J	J			Resistor Array	AL
	R6526	9GJRAB4C100J	J			Resistor Array	AL
	R6528	9GJRAB4C100J	J			Resistor Array	AL
	R6530	9GJRAB4C100J	J			Resistor Array	AL
	R6531	9GJRAB4C100J	J			Resistor Array	AL
	R6534	9GJRAB4C100J	J			Resistor Array	AL
	R6535	9GJRAB4C100J	J			Resistor Array	AL
	R6536	9GJRAB4C100J	J			Resistor Array	AL
	R6537	9GJRAB4C100J	J			Resistor Array	AL
	R6541	9GJRAB4C100J	J			Resistor Array	AL
	R6543	9GJRAB4C100J	J			Resistor Array	AL
	R6545	9GJRAB4C100J	J			Resistor Array	AL
	R6547	9GJRAB4C100J	J			Resistor Array	AL
	R6516	9GJRAB4C473J	J			Resistor Array	AL
	R6501	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6507	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6548	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6549	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6550	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6551	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6552	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6553	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6525	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6527	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6529	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6532	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6540	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6542	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6544	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6546	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6514	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R6512	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6508	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
	R6509	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
	R6510	9GJRS1/16S393J	J	39k	1/16W	Chip	AC
	R6511	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R6515	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R6513	9GJRS1/16S474J	J	470k	1/16W	Chip	AC

MISCELLANEOUS PARTS

	CN6501	9GJAKM1202	J	Connector, 55-pin	AS

Mark	Ref. No.	Part No.	★	Description	Code

9GJAWZ6679
ADR CONNECT B ASSY

INTEGRATED CIRCUITS

IC6601	9GJTC74VHC541F	J	Logic IC	AN

TRANSISTORS

Q6602	9GJ2SC2712	J	2SC2712	AC
Q6603	9GJ2SK209	J	2SK209	AL

DIODE

D6601	9GJDA227	J	Diode	AL

COILS

L6601	9GJATH1081	J	Coil 22µH/0.11A (Chip)	AE
L6602	9GJATH1081	J	Coil 22µH/0.11A (Chip)	AE

CAPACITORS

C6604	9GJACG1094	J	330p	100V	Ceramic	AL
C6613	9GJACG1094	J	330p	100V	Ceramic	AL
C6614	9GJACG1094	J	330p	100V	Ceramic	AL
C6615	9GJACG1094	J	330p	100V	Ceramic	AL
C6616	9GJACG1094	J	330p	100V	Ceramic	AL
C6617	9GJACG1094	J	330p	100V	Ceramic	AL
C6618	9GJACG1094	J	330p	100V	Ceramic	AL
C6619	9GJACG1094	J	330p	100V	Ceramic	AL
C6620	9GJACG1094	J	330p	100V	Ceramic	AL
C6628	9GJACG1094	J	330p	100V	Ceramic	AL
C6631	9GJACH1341	J	47	6.3V	Electrolytic	AL
C6633	9GJACH1341	J	47	6.3V	Electrolytic	AL
C6634	9GJACH1341	J	47	6.3V	Electrolytic	AL
C6636	9GJCCSRCH121J5	J	120p	50V	Ceramic	AD
C6637	9GJCCSRCH121J5	J	120p	50V	Ceramic	AD
C6638	9GJCCSRCH121J5	J	120p	50V	Ceramic	AD
C6607	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6608	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6609	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6610	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6622	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6623	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6624	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6625	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6632	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C6635	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

R6619	9GJRAB4C100J	J			Resistor Array	AL
R6620	9GJRAB4C100J	J			Resistor Array	AL
R6621	9GJRAB4C100J	J			Resistor Array	AL
R6622	9GJRAB4C100J	J			Resistor Array	AL
R6626	9GJRAB4C100J	J			Resistor Array	AL
R6628	9GJRAB4C100J	J			Resistor Array	AL
R6630	9GJRAB4C100J	J			Resistor Array	AL
R6631	9GJRAB4C100J	J			Resistor Array	AL
R6634	9GJRAB4C100J	J			Resistor Array	AL
R6635	9GJRAB4C100J	J			Resistor Array	AL
R6636	9GJRAB4C100J	J			Resistor Array	AL
R6637	9GJRAB4C100J	J			Resistor Array	AL
R6641	9GJRAB4C100J	J			Resistor Array	AL
R6643	9GJRAB4C100J	J			Resistor Array	AL
R6645	9GJRAB4C100J	J			Resistor Array	AL
R6647	9GJRAB4C100J	J			Resistor Array	AL
R6616	9GJRAB4C473J	J			Resistor Array	AL
R6601	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6607	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6648	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6649	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6650	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6651	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6652	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6653	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6625	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6627	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6629	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6632	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6640	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6642	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6644	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6646	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6614	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R6612	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R6608	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
R6609	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
R6610	9GJRS1/16S393J	J	39k	1/16W	Chip	AC
R6611	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R6615	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R6613	9GJRS1/16S474J	J	470k	1/16W	Chip	AC

MISCELLANEOUS PARTS

CN6601	9GJAKM1202	J	Connector, 55-pin	AS

9GJAWZ6680
ADR CONNECT C ASSY

INTEGRATED CIRCUITS

IC6801	9GJTC74VHC541F	J	Logic IC	AN

TRANSISTORS

Q6802	9GJ2SC2712	J	2SC2712	AC
Q6803	9GJ2SK209	J	2SK209	AL

DIODE

D6801	9GJDA227	J	Diode	AL

COILS

L6801	9GJATH1081	J	Coil 22µH/0.11A (Chip)	AE
L6802	9GJATH1081	J	Coil 22µH/0.11A (Chip)	AE

CAPACITORS

C6804	9GJACG1094	J	330p	100V	Cerramic	AL
C6813	9GJACG1094	J	330p	100V	Cerramic	AL
C6814	9GJACG1094	J	330p	100V	Cerramic	AL
C6815	9GJACG1094	J	330p	100V	Cerramic	AL
C6816	9GJACG1094	J	330p	100V	Cerramic	AL
C6817	9GJACG1094	J	330p	100V	Cerramic	AL
C6818	9GJACG1094	J	330p	100V	Cerramic	AL
C6819	9GJACG1094	J	330p	100V	Cerramic	AL
C6820	9GJACG1094	J	330p	100V	Cerramic	AL
C6828	9GJACG1094	J	330p	100V	Cerramic	AL
C6831	9GJACH1341	J	47	6.3V	Electrolytic	AL
C6833	9GJACH1341	J	47	6.3V	Electrolytic	AL
C6834	9GJACH1341	J	47	6.3V	Electrolytic	AL
C6836	9GJCCSRCH121J5	J	120p	50V	Cerramic	AD
C6837	9GJCCSRCH121J5	J	120p	50V	Cerramic	AD
C6838	9GJCCSRCH121J5	J	120p	50V	Cerramic	AD
C6807	9GJCKSRYF104Z1	J	0.1	16V	Cerramic	AD
C6808	9GJCKSRYF104Z1	J	0.1	16V	Cerramic	AD
C6809	9GJCKSRYF104Z1	J	0.1	16V	Cerramic	AD
C6810	9GJCKSRYF104Z1	J	0.1	16V	Cerramic	AD
C6822	9GJCKSRYF104Z1	J	0.1	16V	Cerramic	AD
C6823	9GJCKSRYF104Z1	J	0.1	16V	Cerramic	AD
C6824	9GJCKSRYF104Z1	J	0.1	16V	Cerramic	AD
C6825	9GJCKSRYF104Z1	J	0.1	16V	Cerramic	AD
C6832	9GJCKSRYF104Z1	J	0.1	16V	Cerramic	AD
C6835	9GJCKSRYF104Z1	J	0.1	16V	Cerramic	AD

RESISTORS

R6819	9GJRAB4C100J	J			Resistor Array	AL
R6820	9GJRAB4C100J	J			Resistor Array	AL
R6821	9GJRAB4C100J	J			Resistor Array	AL
R6822	9GJRAB4C100J	J			Resistor Array	AL
R6826	9GJRAB4C100J	J			Resistor Array	AL
R6828	9GJRAB4C100J	J			Resistor Array	AL
R6830	9GJRAB4C100J	J			Resistor Array	AL

Mark	Ref. No.	Part No.	★	Description	Code

9GJAWZ6680
ADR CONNECT C ASSY (Continued)

	R6831	9GJRAB4C100J	J			Resistor Array	AL
	R6834	9GJRAB4C100J	J			Resistor Array	AL
	R6835	9GJRAB4C100J	J			Resistor Array	AL
	R6836	9GJRAB4C100J	J			Resistor Array	AL
	R6837	9GJRAB4C100J	J			Resistor Array	AL
	R6841	9GJRAB4C100J	J			Resistor Array	AL
	R6843	9GJRAB4C100J	J			Resistor Array	AL
	R6845	9GJRAB4C100J	J			Resistor Array	AL
	R6847	9GJRAB4C100J	J			Resistor Array	AL
	R6816	9GJRAB4C473J	J			Resistor Array	AL
	R6801	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6807	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6848	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6849	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6850	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6851	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6852	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6853	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6825	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6827	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6829	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6832	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6840	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6842	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6844	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6846	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6814	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R6812	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6808	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
	R6809	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
	R6810	9GJRS1/16S393J	J	39k	1/16W	Chip	AC
	R6811	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R6815	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R6813	9GJRS1/16S474J	J	470k	1/16W	Chip	AC

MISCELLANEOUS PARTS

	CN6801	9GJAKM1202	J	Connector, 55-pin	AS

9GJAWZ6681
ADR CONNECT D ASSY

INTEGRATED CIRCUITS

	IC6901	9GJTC74VHC541F	J	Logic IC	AN

TRANSISTORS

	Q6902	9GJ2SC2712	J	2SC2712	AC
	Q6903	9GJ2SK209	J	2SK209	AL

DIODE

	D6901	9GJDA227	J	Diode	AL

COILS

	L6901	9GJATH1081	J	Coil 22µH/0.11A (Chip)	AE
	L6902	9GJATH1081	J	Coil 22µH/0.11A (Chip)	AE

CAPACITORS

	C6904	9GJACG1094	J	330p	100V	Ceramic	AL
	C6913	9GJACG1094	J	330p	100V	Ceramic	AL
	C6914	9GJACG1094	J	330p	100V	Ceramic	AL
	C6915	9GJACG1094	J	330p	100V	Ceramic	AL
	C6916	9GJACG1094	J	330p	100V	Ceramic	AL
	C6917	9GJACG1094	J	330p	100V	Ceramic	AL
	C6918	9GJACG1094	J	330p	100V	Ceramic	AL
	C6919	9GJACG1094	J	330p	100V	Ceramic	AL
	C6920	9GJACG1094	J	330p	100V	Ceramic	AL
	C6928	9GJACG1094	J	330p	100V	Ceramic	AL
	C6931	9GJACH1341	J	47	6.3V	Electrolytic	AL
	C6933	9GJACH1341	J	47	6.3V	Electrolytic	AL
	C6934	9GJACH1341	J	47	6.3V	Electrolytic	AL
	C6936	9GJCCSRCH121J5	J	120p	50V	Ceramic	AD
	C6937	9GJCCSRCH121J5	J	120p	50V	Ceramic	AD
	C6938	9GJCCSRCH121J5	J	120p	50V	Ceramic	AD
	C6907	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6908	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6909	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6910	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6922	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6923	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6924	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6925	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6932	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C6935	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

	R6919	9GJRAB4C100J	J			Resistor Array	AL
	R6920	9GJRAB4C100J	J			Resistor Array	AL
	R6921	9GJRAB4C100J	J			Resistor Array	AL
	R6922	9GJRAB4C100J	J			Resistor Array	AL
	R6926	9GJRAB4C100J	J			Resistor Array	AL
	R6928	9GJRAB4C100J	J			Resistor Array	AL
	R6930	9GJRAB4C100J	J			Resistor Array	AL
	R6931	9GJRAB4C100J	J			Resistor Array	AL
	R6934	9GJRAB4C100J	J			Resistor Array	AL
	R6935	9GJRAB4C100J	J			Resistor Array	AL
	R6936	9GJRAB4C100J	J			Resistor Array	AL
	R6937	9GJRAB4C100J	J			Resistor Array	AL
	R6941	9GJRAB4C100J	J			Resistor Array	AL
	R6943	9GJRAB4C100J	J			Resistor Array	AL
	R6945	9GJRAB4C100J	J			Resistor Array	AL
	R6947	9GJRAB4C100J	J			Resistor Array	AL
	R6916	9GJRAB4C473J	J			Resistor Array	AL
	R6901	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6907	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6948	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6949	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6950	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6951	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6952	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6953	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R6925	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6927	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6929	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6932	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6940	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6942	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6944	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6946	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R6914	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R6912	9GJRS1/16S221J	J	220	1/16W	Chip	AC
	R6908	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
	R6909	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
	R6910	9GJRS1/16S393J	J	39k	1/16W	Chip	AC
	R6911	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R6915	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R6913	9GJRS1/16S474J	J	470k	1/16W	Chip	AC

MISCELLANEOUS PARTS

	CN6901	9GJAKM1202	J	Connector, 55-pin	AS

Mark	Ref. No.	Part No.	★	Description	Code

9GJAWZ6682
ADR RESONANCE ASSY

INTEGRATED CIRCUITS

Mark	Ref. No.	Part No.	★	Description	Code
⚠	IC6704	9GJICP-S1.0	J	IC Protector, 1A/50V	AH
	IC6701	9GJTND301S	J	FET	AM
	IC6702	9GJTND301S	J	FET	AM
	IC6703	9GJTND301S	J	FET	AM

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q6704	9GJ2SB1132	J	2SB1132	AE
Q6705	9GJ2SB1132	J	2SB1132	AE
Q6712	9GJ2SB1132	J	2SB1132	AE
Q6701	9GJ2SD1664	J	2SD1664	AE
Q6702	9GJ2SD1664	J	2SD1664	AE
Q6703	9GJ2SD1664	J	2SD1664	AE
Q6710	9GJFS30ASJ	J	FS30ASJ	
Q6711	9GJFS30ASJ	J	FS30ASJ	
Q6706	9GJFX20ASJ	J	FX20ASJ	
Q6707	9GJFX20ASJ	J	FX20ASJ	
Q6708	9GJFX20ASJ	J	FX20ASJ	
Q6709	9GJFX20ASJ	J	FX20ASJ	

DIODES

Ref. No.	Part No.	★	Description	Code
D6701	9GJ1SS355	J	Diode	AD
D6703	9GJ1SS355	J	Diode	AD
D6704	9GJ1SS355	J	Diode	AD
D6706	9GJ1SS355	J	Diode	AD
D6709	9GJD1FL20U	J	Diode	AG
D6710	9GJD1FL20U	J	Diode	AG
D6717	9GJD1FL20U	J	Diode	AG
D6718	9GJD1FL20U	J	Diode	AG
D6711	9GJSPX-62S	J	Diode	AN
D6712	9GJSPX-62S	J	Diode	AN
D6713	9GJSPX-62S	J	Diode	AN
D6714	9GJSPX-62S	J	Diode	AN
D6702	9GJUDZ15B	J	Zener Diode	
D6705	9GJUDZ15B	J	Zener Diode	
D6716	9GJUDZ15B	J	Zener Diode	

COIL

Ref. No.	Part No.	★	Description	Code
L6704	9GJATH1121	J	Choke Coil	AL

CAPACITORS

Ref. No.	Part No.	★				Code
C6716	9GJACE1159	J	1	100V	Film	AQ
C6718	9GJACE1159	J	1	100V	Film	AQ
C6720	9GJACG1101	J	0.01	100V	Ceramic	AL
C6721	9GJACG1101	J	0.01	100V	Ceramic	AL
C6722	9GJACG1102	J	0.0068	100V	Ceramic	AL
C6703	9GJACH1347	J	56	80V	Electrolytic	AL
C6704	9GJACH1347	J	56	80V	Electrolytic	AL
C6705	9GJACH1347	J	56	80V	Electrolytic	AL
C6706	9GJACH1347	J	56	80V	Electrolytic	AL
C6707	9GJACH1347	J	56	80V	Electrolytic	AL
C6708	9GJACH1347	J	56	80V	Electrolytic	AL
C6701	9GJCEHV470M16	J	47	16V	Electrolytic	AD
C6702	9GJCEHV470M16	J	47	16V	Electrolytic	AD
C6709	9GJCEHV470M16	J	47	16V	Electrolytic	AD
C6710	9GJCKSRYF104Z1	J	0.01	100V	Ceramic	AD
C6711	9GJCKSRYF104Z1	J	0.01	100V	Ceramic	AD
C6713	9GJCKSRYF104Z1	J	0.01	100V	Ceramic	AD

RESISTORS

Ref. No.	Part No.	★				Code
R6743	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R6702	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R6707	9GJRS1/16S104J	J	100k	1/16W	Chip	AC
R6701	9GJRS1/16S2R2J	J	2.2	1/16W	Chip	AL
R6703	9GJRS1/16S2R2J	J	2.2	1/16W	Chip	AL
R6704	9GJRS1/16S2R2J	J	2.2	1/16W	Chip	AL
R6705	9GJRS1/16S2R2J	J	2.2	1/16W	Chip	AL
R6722	9GJRS1/16S220J	J	22	1/16W	Chip	AC
R6728	9GJRS1/16S220J	J	22	1/16W	Chip	AC
R6730	9GJRS1/16S220J	J	22	1/16W	Chip	AC
R6720	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R6721	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R6726	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R6727	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R6737	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R6738	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R6706	9GJRS1/16S4R7J	J	4.7	1/16W	Chip	AC
R6725	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R6731	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R6732	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R6735	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R6739	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R6740	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R6744	9GJRS1/16S473J	J	47k	1/16W	Chip	AC

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
CN6701	9GJAKP1221	J	Connector, 23-pin	AN
CN6702	9GJB4B-PH-SM3	J	PH Connector (SMT)	AN
CN6703	9GJB5B-PH-SM3	J	PH Connector (SMT)	AL

9GJAWV1930
X DRIVE ASSY

[X LOGIC BLOCK]
INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC3003	9GJPE1012A	J	PE1012A	AW
IC3004	9GJTC74ACT540F	J	TC74ACT540F	AQ
IC3001	9GJTC74ACT541F	J	TC74ACT541F	
IC3008	9GJTC74ACT541F	J	TC74ACT541F	

COIL

Ref. No.	Part No.	★	Description	Code
L3001	9GJLFEA100J	J	Inductor	AL

CAPACITORS

Ref. No.	Part No.	★				Code
C3005	9GJCEHAT470M16	J	47	16V	Electrolytic	AL
C3001	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C3003	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C3004	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
C3006	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL

RESISTORS

Ref. No.	Part No.	★				Code
R3009	9GJRAB4C0R0J	J	0		Resistor Array	AB
R3010	9GJRAB4C0R0J	J	0		Resistor Array	AB
R3011	9GJRAB4C0R0J	J	0		Resistor Array	AB
R3012	9GJRAB4C0R0J	J	0		Resistor Array	AB
R3001	9GJRAB4C470J	J	47		Resistor Array	AB
R3003	9GJRAB4C470J	J	47		Resistor Array	AB
R3026	9GJRAB4C470J	J	47		Resistor Array	AB
R3029	9GJRAB4C470J	J	47		Resistor Array	AB
R3002	9GJRAB4C472J	J	4.7k		Resistor Array	AL
R3005	9GJRAB4C472J	J	4.7k		Resistor Array	AL
R3030	9GJRAB4C472J	J	4.7k		Resistor Array	AL
R3033	9GJRAB4C472J	J	4.7k		Resistor Array	AL
R3006	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R3027	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R3031	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R3007	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
CN3001	9GJKF050HA30L	J	Connector, 30-pin	AL

[X SUS BLOCK]
INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC3102	9GJHCPL-M611	J	HCPL-M611	AN
IC3200	9GJSTK795-460	J	STK795-460	BS
IC3201	9GJSTK795-460	J	STK795-460	BS
IC3101	9GJTC74ACT541F	J	TC74ACT541F	
IC3103	9GJTND301S	J	TND301S	AM
IC3104	9GJTND301S	J	TND301S	AM
IC3106	9GJTND301S	J	TND301S	AM
IC3107	9GJTND301S	J	TND301S	AM

9GJAWV1930
X DRIVE ASSY (Continued)

Mark	Ref. No.	Part No.	★	Description	Code
	IC3110	9GJTND301S	J	TND301S	AM
	IC3113	9GJTND301S	J	TND301S	AM
	IC3109	9GJUPC78L05T	J	UPC78L05T	
		TRANSISTORS			
	Q3117	9GJ2SJ181L	J	2SJ181L	AY
	Q3116	9GJ2SJ522	J	2SJ522	AX
	Q3119	9GJ2SJ522	J	2SJ522	AX
	Q3120	9GJ2SJ522	J	2SJ522	AX
	Q3101	9GJ2SK2503	J	2SK2503	AL
	Q3103	9GJFS16VS	J	FS16VS	
	Q3104	9GJFS16VS	J	FS16VS	
	Q3105	9GJFS16VS	J	FS16VS	
	Q3106	9GJFS16VS	J	FS16VS	
	Q3109	9GJFS16VS	J	FS16VS	
	Q3110	9GJFS16VS	J	FS16VS	
	Q3111	9GJFS16VS	J	FS16VS	
	Q3112	9GJFS16VS	J	FS16VS	
	Q3113	9GJFS16VS	J	FS16VS	
	Q3114	9GJFS16VS	J	FS16VS	
	Q3124	9GJFS16VS	J	FS16VS	
	Q3125	9GJFS16VS	J	FS16VS	
	Q3126	9GJFS16VS	J	FS16VS	
	Q3127	9GJFS16VS	J	FS16VS	
	Q3123	9GJFS2AS-14A	J	FS2AS	AN
	Q3122	9GJFS7VS-14A	J	FS7VS	AS
	Q3128	9GJFS7VS-14A	J	FS7VS	AS
	Q3102	9GJHN1B04FU	J	HN1B04FU	AD
	Q3118	9GJHN1B04FU	J	HN1B04FU	AD
		DIODES			
	D3119	9GJ1SS184	J	Diode	AD
	D3108	9GJ1SS355	J	Diode	AD
	D3124	9GJ1SS355	J	Diode	AD
	D3125	9GJ1SS355	J	Diode	AD
	D3130	9GJ1SS355	J	Diode	AD
	D3133	9GJ1SS355	J	Diode	AD
	D3101	9GJD1FL40	J	Diode	AH
	D3102	9GJD1FL40	J	Diode	AH
	D3117	9GJD1FL40	J	Diode	AH
	D3126	9GJD1FL40	J	Diode	AH
	D3131	9GJD1FL40	J	Diode	AH
	D3200	9GJD1FL40	J	Diode	AH
	D3202	9GJD1FL40	J	Diode	AH
	D3203	9GJD1FL40	J	Diode	AH
	D3205	9GJD1FL40	J	Diode	AH
	D3207	9GJD1FL40	J	Diode	AH
	D3208	9GJD1FL40	J	Diode	AH
	D3210	9GJD1FL40	J	Diode	AH
	D3211	9GJD1FL40	J	Diode	AH
	D3212	9GJD1FL40	J	Diode	AH
	D3213	9GJD1FL40	J	Diode	AH
	D3215	9GJD1FL40	J	Diode	AH
	D3120	9GJUDZ15B	J	Zener Diode	
	D3127	9GJUDZ15B	J	Zener Diode	
	D3128	9GJUDZ15B	J	Zener Diode	
	D3129	9GJUDZ15B	J	Zener Diode	
	D3135	9GJUDZ15B	J	Zener Diode	
	D3136	9GJUDZ15B	J	Zener Diode	
		COILS			
	L3206	9GJATH1112	J	Inductor	AL
	L3207	9GJATH1112	J	Inductor	AL
	L3201	9GJATH1113	J	Choke Coil	AL
	L3204	9GJATH1113	J	Choke Coil	AL
	L3202	9GJATH1118	J	Choke Coil	AL
	L3205	9GJATH1118	J	Choke Coil	AL
	L3210	9GJATH1118	J	Choke Coil	AL
	L3211	9GJATH1118	J	Choke Coil	AL
	L3101	9GJLFEA100J	J	Inductor	AL
	L3107	9GJLFEA101J	J	Inductor	AL
	L3108	9GJLFEA101J	J	Inductor	AL
	L3103	9GJLFEA470J	J	Inductor	AL
		CONTROLS			
	VR3200	9GJACP1089	J	1k (B)	AD
	VR3201	9GJACP1089	J	1k (B)	AD
	VR3202	9GJACP1089	J	1k (B)	AD
	VR3203	9GJACP1089	J	1k (B)	AD
		CAPACITORS			
	C3205	9GJACE1160	J	1.5 250V MPP	AN
	C3206	9GJACE1160	J	1.5 250V MPP	AN
	C3212	9GJACE1160	J	1.5 250V MPP	AN
	C3213	9GJACE1160	J	1.5 250V MPP	AN
	C3225	9GJACE1160	J	1.5 250V MPP	AN
	C3226	9GJACE1160	J	1.5 250V MPP	AN
	C3131	9GJACG1092	J	0.1 630V Ceramic	AL
	C3139	9GJACG1092	J	0.1 630V Ceramic	AL
	C3143	9GJACG1092	J	0.1 630V Ceramic	AL
	C3223	9GJACG1100	J	100p 500V Ceramic	AL
	C3224	9GJACG1100	J	100p 500V Ceramic	AL
	C3132	9GJACH1346	J	47 350V Electrolytic	AN
	C3200	9GJACH1348	J	330 315V Electrolytic	AX
	C3201	9GJACH1348	J	330 315V Electrolytic	AX
	C3202	9GJACH1348	J	330 315V Electrolytic	AX
	C3203	9GJACH1348	J	330 315V Electrolytic	AX
	C3204	9GJACH1348	J	330 315V Electrolytic	AX
	C3205	9GJACH1348	J	330 315V Electrolytic	AX
	C3206	9GJACH1348	J	330 315V Electrolytic	AX
	C3207	9GJACH1348	J	330 315V Electrolytic	AX
	C3208	9GJACH1348	J	330 315V Electrolytic	AX
	C3209	9GJACH1348	J	330 315V Electrolytic	AX
	C3214	9GJCCSRCH331J5	J	330p 50V CH	AD
	C3215	9GJCCSRCH331J5	J	330p 50V CH	AD
	C3216	9GJCCSRCH331J5	J	330p 50V CH	AD
	C3217	9GJCCSRCH331J5	J	330p 50V CH	AD
	C3218	9GJCCSRCH331J5	J	330p 50V CH	AD
	C3219	9GJCCSRCH331J5	J	330p 50V CH	AD
	C3220	9GJCCSRCH331J5	J	330p 50V CH	AD
	C3221	9GJCCSRCH331J5	J	330p 50V CH	AD
	C3112	9GJCEHAT101M16	J	100 16V Electrolytic	AL
	C3133	9GJCEHAT101M16	J	100 16V Electrolytic	AL
	C3203	9GJCEHAT101M16	J	100 16V Electrolytic	AL
	C3210	9GJCEHAT101M16	J	100 16V Electrolytic	AL
	C3102	9GJCEHAT101M25	J	100 25V Electrolytic	AD
	C3107	9GJCEHAT101M25	J	100 25V Electrolytic	AD
	C3115	9GJCEHAT101M25	J	100 25V Electrolytic	AD
	C3204	9GJCEHAT101M25	J	100 25V Electrolytic	AD
	C3211	9GJCEHAT101M25	J	100 25V Electrolytic	AD
	C3101	9GJCEHAT221M25	J	220 25V Electrolytic	AE
	C3104	9GJCEHAT470M16	J	47 16V Electrolytic	AL
	C3106	9GJCEHAT470M16	J	47 16V Electrolytic	AL
	C3134	9GJCEHAT470M16	J	47 16V Electrolytic	AL
	C3141	9GJCEHAT470M16	J	47 16V Electrolytic	AL
	C3135	9GJCEHAT470M25	J	47 25V Electrolytic	AC
	C3154	9GJCKSRYB332K5	J	3300p 50V Ceramic (Chip)	AD
	C3163	9GJCKSRYB332K5	J	3300p 50V Ceramic (Chip)	AD
	C3103	9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
	C3105	9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
	C3108	9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
	C3109	9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
	C3111	9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
	C3113	9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
	C3114	9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
	C3117	9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
	C3130	9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
	C3140	9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
	C3147	9GJCKSRYF104Z5	J	0.1 50V Ceramic	AL
		RESISTORS			
	R3183	9GJACN1156	J	15 1/2W Surge Resistor	AL
	R3184	9GJACN1156	J	15 1/2W Surge Resistor	AL
	R3187	9GJACN1156	J	15 1/2W Surge Resistor	AL
	R3113	9GJRAB4C100J	J	Resistor Array	AL

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X DRIVE ASSY (Continued)

Mark	Ref. No.	Part No.	★	Description	Code
	R3114	9GJRAB4C100J	J	Resistor Array	AL
	R3121	9GJRAB4C100J	J	Resistor Array	AL
	R3122	9GJRAB4C100J	J	Resistor Array	AL
	R3126	9GJRAB4C100J	J	Resistor Array	AL
	R3132	9GJRAB4C100J	J	Resistor Array	AL
	R3140	9GJRAB4C100J	J	Resistor Array	AL
	R3141	9GJRAB4C100J	J	Resistor Array	AL
	R3212	9GJRS1/10S184J	J	180k 1/10W Chip	AL
	R3217	9GJRS1/10S184J	J	180k 1/10W Chip	AL
	R3230	9GJRS1/10S184J	J	180k 1/10W Chip	AL
	R3234	9GJRS1/10S184J	J	180k 1/10W Chip	AL
	R3237	9GJRS1/10S184J	J	180k 1/10W Chip	AL
	R3240	9GJRS1/10S184J	J	180k 1/10W Chip	AL
	R3242	9GJRS1/10S184J	J	180k 1/10W Chip	AL
	R3245	9GJRS1/10S184J	J	180k 1/10W Chip	AL
	R3250	9GJRS1/16S3300	J	330 1/16W Chip	AL
	R3251	9GJRS1/16S3300	J	330 1/16W Chip	AL
	R3252	9GJRS1/16S3300	J	330 1/16W Chip	AL
	R3253	9GJRS1/16S3300	J	330 1/16W Chip	AL
	R3134	9GJRS1/2S100J	J	10 1/2W Chip	AF
	R3163	9GJRS1/2S100J	J	10 1/2W Chip	AF
	R3103	9GJRS1/2S102J	J	1k 1/2W Chip	AC
	R3109	9GJRS1/2S2R2J	J	2.2 1/2W Chip	AE
	R3102	9GJRS1/2S561J	J	560 1/2W Chip	AL
	R3215	9GJRS1MMF101J	J	100 1W Metal Oxide	AL
	R3216	9GJRS1MMF101J	J	100 1W Metal Oxide	AL
	R3228	9GJRS1MMF122J	J	1.2k 1W Metal Oxide	
	R3229	9GJRS1MMF122J	J	1.2k 1W Metal Oxide	
	R3202	9GJRS1MMF563J	J	56k 1W Metal Oxide	AL
	R3203	9GJRS1MMF563J	J	56k 1W Metal Oxide	AL
	R3178	9GJRS2MMF181J	J	180k 2W Metal Oxide	
	R3179	9GJRS2MMF181J	J	180k 2W Metal Oxide	
	R3205	9GJRS1/16S0R0J	J	0 1/16W Chip	AC
	R3210	9GJRS1/16S0R0J	J	0 1/16W Chip	AC
	R3219	9GJRS1/16S0R0J	J	0 1/16W Chip	AC
	R3220	9GJRS1/16S0R0J	J	0 1/16W Chip	AC
	R3104	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3115	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3116	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3117	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3118	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3127	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3128	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3129	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3130	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3185	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3196	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3197	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3198	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3199	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3200	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3206	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3207	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3208	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3209	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3224	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3225	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3226	9GJRS1/16S100J	J	10 1/16W Chip	AC
	R3107	9GJRS1/16S101J	J	100 1/16W Chip	AC
	R3106	9GJRS1/16S102J	J	1k 1/16W Chip	AC
	R3125	9GJRS1/16S102J	J	1k 1/16W Chip	AC
	R3190	9GJRS1/16S102J	J	1k 1/16W Chip	AC
	R3110	9GJRS1/16S103J	J	10k 1/16W Chip	AC
	R3111	9GJRS1/16S103J	J	10k 1/16W Chip	AC
	R3186	9GJRS1/16S103J	J	10k 1/16W Chip	AC
	R3189	9GJRS1/16S103J	J	10k 1/16W Chip	AC
	R3191	9GJRS1/16S103J	J	10k 1/16W Chip	AC
	R3192	9GJRS1/16S103J	J	10k 1/16W Chip	AC
	R3201	9GJRS1/16S103J	J	10k 1/16W Chip	AC
	R3227	9GJRS1/16S103J	J	10k 1/16W Chip	AC
	R3135	9GJRS1/16S104J	J	100k 1/16W Chip	AC
	R3177	9GJRS1/16S113J	J	11k 1/16W Chip	AC
	R3101	9GJRS1/16S122J	J	1.2k 1/16W Chip	AC
	R3112	9GJRS1/16S122J	J	1.2k 1/16W Chip	AC
	R3119	9GJRS1/16S122J	J	1.2k 1/16W Chip	AC
	R3123	9GJRS1/16S122J	J	1.2k 1/16W Chip	AC
	R3124	9GJRS1/16S122J	J	1.2k 1/16W Chip	AC
	R3188	9GJRS1/16S122J	J	1.2k 1/16W Chip	AC
	R3211	9GJRS1/16S122J	J	1.2k 1/16W Chip	AC
	R3180	9GJRS1/16S153J	J	15k 1/16W Chip	AC

MISCELLANEOUS PARTS

	CN3101	9GJKM250MA13	J	Plug, 13-pin	AL
	CN3102	9GJKM250MA3	J	Plug, 3-pin	AL
	KN3105	9GJANK-142	J	Ground Plate	AC
	KN3106	9GJANK-142	J	Ground Plate	AC
	KN3107	9GJANK-142	J	Ground Plate	AC
	KN3108	9GJANK-142	J	Ground Plate	AC
	KN3109	9GJANK-142	J	Ground Plate	AC
	KN3110	9GJANK-142	J	Ground Plate	AC
	KN3111	9GJANK-142	J	Ground Plate	AC
	KN3112	9GJANK-142	J	Ground Plate	AC
	KN3113	9GJANK-142	J	Ground Plate	AC
	KN3114	9GJANK-142	J	Ground Plate	AC
	3101	9GJAEH1049	J	Spacer	AL

[X DD CON BLOCK]
INTEGRATED CIRCUITS

	IC3712	9GJAN1431M	J	AN1431M-TLB	AH
	IC3701	9GJMIP161	J	MIP161-TLB	AQ
	IC3702	9GJTLP181	J	TLP181	
	IC3703	9GJTLP181	J	TLP181	
	IC3704	9GJTLP181	J	TLP181	

TRANSISTORS

	Q3701	9GJ2SC2712	J	2SC2712 (Chip)	AC
	Q3800	9GJHN1A01FU	J	HN1A01FU	AL

DIODES

	D3710	9GJ1SS355	J	Diode	AD
	D3711	9GJ1SS355	J	Diode	AD
	D3705	9GJD1FL20U	J	Diode	AG
	D3706	9GJD1FL20U	J	Diode	AG
	D3702	9GJEC8FS6	J	Diode	AL
	D3708	9GJRD110P	J	Zener Diode	AG
	D3709	9GJRD110P	J	Zener Diode	AG
	D3713	9GJRD110P	J	Zener Diode	AG
	D3703	9GJUDZ18B	J	Zener Diode	AL
	D3707	9GJUDZS5.6B	J	Zener Diode	AE

COIL

	L3701	9GJATH1110	J	Inductor	AL

TRANSFORMER

	T3701	9GJATK1153	J	VRN	AS

CONTROL

	VR3701	9GJACP1089	J	1k (B)	AD

CAPACITORS

	C3701	9GJACH1345	J	22	315V Electrolytic	AL
	C3717	9GJACH1346	J	47	350V Electrolytic	AN
	C3704	9GJCEHAT101M16	J	100	16V Electrolytic	AL
	C3706	9GJCEHAT101M25	J	100	25V Electrolytic	AD
	C3711	9GJCEHAT101M25	J	100	25V Electrolytic	AD
	C3714	9GJCEHAT101M25	J	100	25V Electrolytic	AD
	C3712	9GJCEHAT331M16	J	330	16V Electrolytic	AL
	C3705	9GJCKSQYF104Z5	J	0.1	50V Ceramic (Chip)	AD
	C3703	9GJCKSRYB104K1	J	0.1	16V Ceramic (Chip)	AD
	C3707	9GJCKSRYB104K1	J	0.1	16V Ceramic (Chip)	AD
	C3708	9GJCKSRYB104K1	J	0.1	16V Ceramic (Chip)	AD
	C3710	9GJCKSRYB104K1	J	0.1	16V Ceramic (Chip)	AD
	C3715	9GJCKSRYB104K1	J	0.1	16V Ceramic (Chip)	AD
	C3716	9GJCKSRYB104K1	J	0.1	16V Ceramic (Chip)	AD

Mark	Ref. No.	Part No.	★	Description	Code

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X DRIVE ASSY (Continued)

RESISTORS

R3732	9GJRS1/16S1001	J	1k	1/16W	Chip		AL
R3806	9GJRS1/16S1802	J	18k	1/16W	Chip		AL
R3701	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3702	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3703	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3704	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3706	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3707	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3708	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3709	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3710	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3711	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3712	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3713	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3714	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3715	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3716	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3717	9GJRS1/16S1803	J	180k	1/16W	Chip		AL
R3805	9GJRS1/16S2702	J	27k	1/16W	Chip		AL
R3731	9GJRS1/16S3900	J	390	1/16W	Chip		AL
R3802	9GJRS1/16S5601	J	5.6k	1/16W	Chip		AL
R3738	9GJRS1/2S102J	J	1k	1/2W	Chip		AC
R3739	9GJRS1/2S102J	J	1k	1/2W	Chip		AC
R3800	9GJRS1/2S823J	J	82k	1/2W	Chip		AL
R3801	9GJRS1/2S823J	J	82k	1/2W	Chip		AL
R3705	9GJRS1/16S100J	J	10	1/16W	Chip		AC
R3724	9GJRS1/16S101J	J	100	1/16W	Chip		AC
R3726	9GJRS1/16S102J	J	1k	1/16W	Chip		AC
R3733	9GJRS1/16S102J	J	1k	1/16W	Chip		AC
R3723	9GJRS1/16S103J	J	10k	1/16W	Chip		AC
R3725	9GJRS1/16S103J	J	10k	1/16W	Chip		AC
R3727	9GJRS1/16S103J	J	10k	1/16W	Chip		AC
R3729	9GJRS1/16S103J	J	10k	1/16W	Chip		AC
R3730	9GJRS1/16S103J	J	10k	1/16W	Chip		AC
R3803	9GJRS1/16S103J	J	10k	1/16W	Chip		AC
R3807	9GJRS1/16S104J	J	100k	1/16W	Chip		AC
R3721	9GJRS1/16S221J	J	220	1/16W	Chip		AC
R3736	9GJRS1/16S222J	J	2.2k	1/16W	Chip		AC
R3734	9GJRS1/16S272J	J	2.7k	1/16W	Chip		AC
R3719	9GJRS1/16S471J	J	470	1/16W	Chip		AC
R3728	9GJRS1/16S472J	J	4.7k	1/16W	Chip		AC
R3735	9GJRS1/16S472J	J	4.7k	1/16W	Chip		AC
R3737	9GJRS1/16S472J	J	4.7k	1/16W	Chip		AC
R3804	9GJRS1/16S472J	J	4.7k	1/16W	Chip		AC
R3720	9GJRS1/16S822J	J	8.2k	1/16W	Chip		AC
R3722	9GJRS1/16S822J	J	8.2k	1/16W	Chip		AC

9GJAWZ6683
Y DRIVE ASSY

[Y DRIVE LOGIC BLOCK]
INTEGRATED CIRCUITS

IC2006	9GJPE1013B	J	PE1013B	AW
IC2007	9GJTC74ACT540F	J	TC74ACT540F	AQ
IC2001	9GJTC74ACT541F	J	TC74ACT541F	
IC2003	9GJTC74ACT541F	J	TC74ACT541F	
IC2004	9GJTC74ACT541F	J	TC74ACT541F	
IC2005	9GJTC74ACT541F	J	TC74ACT541F	

TRANSISTORS

Q2121	9GJ2SK2201	J	2SK2201	AG
Q2101	9GJHN1C01FU	J	HN1C01FU	AL
Q2102	9GJHN1C01FU	J	HN1C01FU	AL

DIODE

D2101	9GJ1SS355	J	Diode	AD

COIL

L2001	9GJLFEA100J	J	Inductor	AL

CAPACITORS

C2101	9GJCEHAT100M50	J	10	50V	Electrolytic		AC
C2103	9GJCEHAT1R0M50	J	1	50V	Electrolytic		AL
C2003	9GJCEHAT470M16	J	47	16V	Electrolytic		AL
C2001	9GJCKSRYF104Z5	J	0.1	50V	Ceramic		AL
C2004	9GJCKSRYF104Z5	J	0.1	50V	Ceramic		AL
C2005	9GJCKSRYF104Z5	J	0.1	50V	Ceramic		AL
C2007	9GJCKSRYF104Z5	J	0.1	50V	Ceramic		AL
C2008	9GJCKSRYF104Z5	J	0.1	50V	Ceramic		AL
C2010	9GJCKSRYF104Z5	J	0.1	50V	Ceramic		AL
C2102	9GJCKSRYF104Z5	J	0.1	50V	Ceramic		AL
C2104	9GJCKSRYF104Z5	J	0.1	50V	Ceramic		AL
C2121	9GJCKSRYF104Z5	J	0.1	50V	Ceramic		AL

RESISTORS

R2015	9GJRAB4C0R0J	J			Resistor Array		AB
R2016	9GJRAB4C0R0J	J			Resistor Array		AB
R2017	9GJRAB4C0R0J	J			Resistor Array		AB
R2018	9GJRAB4C0R0J	J			Resistor Array		AB
R2001	9GJRAB4C470J	J			Resistor Array		AB
R2002	9GJRAB4C470J	J			Resistor Array		AB
R2005	9GJRAB4C470J	J			Resistor Array		AB
R2011	9GJRAB4C470J	J			Resistor Array		AB
R2037	9GJRAB4C470J	J			Resistor Array		AB
R2038	9GJRAB4C470J	J			Resistor Array		AB
R2035	9GJRAB4C472J	J			Resistor Array		AL
R2036	9GJRAB4C472J	J			Resistor Array		AL
R2039	9GJRAB4C472J	J			Resistor Array		AL
R2040	9GJRAB4C472J	J			Resistor Array		AL
R2019	9GJRS1/16S0R0J	J	0	1/16W	Chip		AC
R2028	9GJRS1/16S0R0J	J	0	1/16W	Chip		AC
R2032	9GJRS1/16S0R0J	J	0	1/16W	Chip		AC
R2042	9GJRS1/16S0R0J	J	0	1/16W	Chip		AC
R2044	9GJRS1/16S0R0J	J	0	1/16W	Chip		AC
R2105	9GJRS1/16S102J	J	1k	1/16W	Chip		AC
R2106	9GJRS1/16S103J	J	10k	1/16W	Chip		AC
R2121	9GJRS1/16S123J	J	12k	1/16W	Chip		AC
R2101	9GJRS1/16S125J	J	1.2M	1/16W	Chip		AL
R2123	9GJRS1/16S183J	J	18k	1/16W	Chip		AL
R2102	9GJRS1/16S223J	J	22k	1/16W	Chip		AC
R2103	9GJRS1/16S333J	J	33k	1/16W	Chip		AC
R2104	9GJRS1/16S333J	J	33k	1/16W	Chip		AC
R2107	9GJRS1/16S333J	J	33k	1/16W	Chip		AC
R2122	9GJRS1/16S393J	J	39k	1/16W	Chip		AC

MISCELLANEOUS PARTS

CN2001	9GJAKM1201	J	Connector, 50-pin	AQ
2101	9GJAXX1057	J	Dew Senser	AX
	9GJBMZ20P040FM	J	Screw	AA
	9GJNB20FMC	J	Nut	AD

[Y DRIVE SUS BLOCK]
INTEGRATED CIRCUITS

IC2202	9GJHCPL-M611	J	HCPL-M611	AN
IC2208	9GJHCPL-M611	J	HCPL-M611	AN
IC2206	9GJSTK795-460	J	STK795-460	BS
IC2214	9GJSTK795-460	J	STK795-460	BS
IC2201	9GJTC74ACT541F	J	TC74ACT541F	
IC2203	9GJTND301S	J	TND301S	AM
IC2204	9GJTND301S	J	TND301S	AM
IC2210	9GJTND301S	J	TND301S	AM
IC2212	9GJTND301S	J	TND301S	AM
IC2213	9GJTND301S	J	TND301S	AM
IC2216	9GJTND301S	J	TND301S	AM
IC2217	9GJTND301S	J	TND301S	AM
IC2205	9GJUPC78L05T	J	UPC78L05T	AH
IC2209	9GJUPC78L05T	J	UPC78L05T	AH

TRANSISTORS

Q2203	9GJ2SJ522	J	2SJ522	AX
Q2204	9GJ2SJ522	J	2SJ522	AX

9GJAWZ6683
Y DRIVE ASSY (Continued)

Mark	Ref. No.	Part No.	★	Description	Code
	Q2205	9GJ2SJ522	J	2SJ522	AX
	Q2201	9GJ2SK2503	J	2SK2503	AL
	Q2215	9GJFQB34N20	J	FQB34N20	AT
	Q2217	9GJFQB34N20	J	FQB34N20	AT
	Q2218	9GJFQB34N20	J	FQB34N20	AT
	Q2219	9GJFQB34N20	J	FQB34N20	AT
	Q2220	9GJFQB34N20	J	FQB34N20	AT
	Q2221	9GJFQB34N20	J	FQB34N20	AT
	Q2226	9GJFQB34N20	J	FQB34N20	AT
	Q2227	9GJFQB34N20	J	FQB34N20	AT
	Q2232	9GJFQB34N20	J	FQB34N20	AT
	Q2233	9GJFQB34N20	J	FQB34N20	AT
	Q2210	9GJFS16VS	J	FS16VS	
	Q2211	9GJFS16VS	J	FS16VS	
	Q2212	9GJFS16VS	J	FS16VS	
	Q2209	9GJHN1B04FU	J	HN1B04FU	AD

DIODES

	D2225	9GJ1SS184	J	Diode	AD
	D2202	9GJ1SS226	J	Diode	AD
	D2204	9GJ1SS226	J	Diode	AD
	D2211	9GJ1SS355	J	Diode	AD
	D2201	9GJD1FL40	J	Diode	AH
	D2203	9GJD1FL40	J	Diode	AH
	D2205	9GJD1FL40	J	Diode	AH
	D2208	9GJD1FL40	J	Diode	AH
	D2210	9GJD1FL40	J	Diode	AH
	D2212	9GJD1FL40	J	Diode	AH
	D2214	9GJD1FL40	J	Diode	AH
	D2215	9GJD1FL40	J	Diode	AH
	D2216	9GJD1FL40	J	Diode	AH
	D2221	9GJD1FL40	J	Diode	AH
	D2222	9GJD1FL40	J	Diode	AH
	D2223	9GJD1FL40	J	Diode	AH
	D2226	9GJD1FL40	J	Diode	AH
	D2227	9GJD1FL40	J	Diode	AH
	D2228	9GJD1FL40	J	Diode	AH
	D2239	9GJD1FL40	J	Diode	AH
	D2243	9GJD1FL40	J	Diode	AH
	D2209	9GJDF20L60	J	Diode	AU
	D2206	9GJUDZ15B	J	Zener Diode	
	D2207	9GJUDZ15B	J	Zener Diode	

COILS

	L2207	9GJATH1110	J	Inductor	AL
	L2213	9GJATH1112	J	Inductor	AL
	L2214	9GJATH1112	J	Inductor	AL
	L2206	9GJATH1113	J	Choke Coil	AL
	L2211	9GJATH1113	J	Choke Coil	AL
	L2208	9GJATH1118	J	Choke Coil	AL
	L2212	9GJATH1118	J	Choke Coil	AL
	L2215	9GJATH1118	J	Choke Coil	AL
	L2216	9GJATH1118	J	Choke Coil	AL
	L2210	9GJLFEA100J	J	Inductor	AL
	L2203	9GJLFEA101J	J	Inductor	AL
	L2205	9GJLFEA101J	J	Inductor	AL
	L2201	9GJLFEA470J	J	Inductor	AL
	L2204	9GJLFEA470J	J	Inductor	AL

CONTROLS

	VR2201	9GJACP1089	J	1k (B)	AD
	VR2202	9GJACP1089	J	1k (B)	AD
	VR2203	9GJACP1089	J	1k (B)	AD
	VR2204	9GJACP1089	J	1k (B)	AD

CAPACITORS

	C2228	9GJACE1160	J	1.5	250V	Ceramic	AN
	C2230	9GJACE1160	J	1.5	250V	Ceramic	AN
	C2231	9GJACE1160	J	1.5	250V	Ceramic	AN
	C2250	9GJACE1160	J	1.5	250V	Ceramic	AN
	C2251	9GJACE1160	J	1.5	250V	Ceramic	AN
	C2252	9GJACE1160	J	1.5	250V	Ceramic	AN
	C2209	9GJACG1092	J	0.1	630V	Ceramic	AL
	C2210	9GJACG1092	J	0.1	630V	Ceramic	AL
	C2233	9GJACG1100	J	100p	500V	Ceramic	AL
	C2248	9GJACG1100	J	100p	500V	Ceramic	AL
	C2211	9GJACH1346	J	47	350V	Electrolytic	AN
	C2216	9GJACH1348	J	330	315V	Electrolytic	AX
	C2217	9GJACH1348	J	330	315V	Electrolytic	AX
	C2219	9GJACH1348	J	330	315V	Electrolytic	AX
	C2234	9GJACH1348	J	330	315V	Electrolytic	AX
	C2235	9GJACH1348	J	330	315V	Electrolytic	AX
	C2236	9GJACH1348	J	330	315V	Electrolytic	AX
	C2253	9GJCCSRCH331J5	J	330p	50V	Ceramic	AD
	C2254	9GJCCSRCH331J5	J	330p	50V	Ceramic	AD
	C2255	9GJCCSRCH331J5	J	330p	50V	Ceramic	AD
	C2256	9GJCCSRCH331J5	J	330p	50V	Ceramic	AD
	C2257	9GJCCSRCH331J5	J	330p	50V	Ceramic	AD
	C2258	9GJCCSRCH331J5	J	330p	50V	Ceramic	AD
	C2259	9GJCCSRCH331J5	J	330p	50V	Ceramic	AD
	C2260	9GJCCSRCH331J5	J	330p	50V	Ceramic	AD
	C2221	9GJCEHAT101M16	J	100	16V	Electrolytic	AL
	C2225	9GJCEHAT101M16	J	100	16V	Electrolytic	AL
	C2226	9GJCEHAT101M16	J	100	16V	Electrolytic	AL
	C2246	9GJCEHAT101M16	J	100	16V	Electrolytic	AL
	C2204	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C2227	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C2237	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C2240	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C2247	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C2202	9GJCEHAT221M25	J	220	25V	Electrolytic	AE
	C2232	9GJCEHAT331M2A	J	330	200V	Electrolytic	AH
	C2218	9GJCEHAT470M16	J	47	16V	Electrolytic	AL
	C2224	9GJCEHAT470M16	J	47	16V	Electrolytic	AL
	C2229	9GJCEHAT470M16	J	47	16V	Electrolytic	AL
	C2212	9GJCEHAT470M25	J	47	25V	Electrolytic	AC
	C2214	9GJCEHAT470M25	J	47	25V	Electrolytic	AC
	C2264	9GJCKSRYB472K5	J	4700p	50V	Ceramic	AD
	C2270	9GJCKSRYB472K5	J	4700p	50V	Ceramic	AD
	C2201	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2203	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2205	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2208	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2213	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2220	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2222	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2223	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2238	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2239	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2241	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2242	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL

RESISTORS

	R2235	9GJRAB4C100J	J			Resistor Array	AL
	R2273	9GJRAB4C100J	J			Resistor Array	AL
	R2291	9GJRAB4C100J	J			Resistor Array	AL
	R2305	9GJRAB4C100J	J			Resistor Array	AL
	R2315	9GJRAB4C100J	J			Resistor Array	AL
	R2317	9GJRAB4C100J	J			Resistor Array	AL
	R2342	9GJRAB4C100J	J			Resistor Array	AL
	R2253	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
	R2256	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
	R2270	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
	R2283	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
	R2332	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
	R2338	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
	R2354	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
	R2355	9GJRS1/10S184J	J	180k	1/10W	Chip	AL
	R2358	9GJRS1/16S3300	J	330p	1/16W	Chip	AL
	R2359	9GJRS1/16S3300	J	330p	1/16W	Chip	AL
	R2360	9GJRS1/16S3300	J	330p	1/16W	Chip	AL
	R2361	9GJRS1/16S3300	J	330p	1/16W	Chip	AL
	R2263	9GJRS1/2S100J	J	10	1/2W	Chip	AF
	R2264	9GJRS1/2S100J	J	10	1/2W	Chip	AF
	R2203	9GJRS1/2S102J	J	1k	1/2W	Chip	AC
	R2209	9GJRS1/2S2R2J	J	2.2	1/2W	Chip	AE

Mark	Ref. No.	Part No.	★	Description	Code

9GJAWZ6683
Y DRIVE ASSY (Continued)

	R2202	9GJRS1/2S561J	J	560	1/2W	Chip	AL
	R2278	9GJRS1MMF101J	J	100	1W	Metal Oxide	AL
	R2303	9GJRS1MMF101J	J	100	1W	Metal Oxide	AL
	R2233	9GJRS1MMF152J	J	1.5k	1W	Metal Oxide	AL
	R2234	9GJRS1MMF152J	J	1.5k	1W	Metal Oxide	AL
	R2274	9GJRS1MMF471J	J	470	1W	Metal Oxide	AL
	R2275	9GJRS1MMF471J	J	470	1W	Metal Oxide	AL
	R2298	9GJRS2MMF3R3J	J	3.3	2W	Metal Oxide	AL
	R2299	9GJRS2MMF3R3J	J	3.3	2W	Metal Oxide	AL
	R2277	9GJRS3LMFR47J	J	0.47	3W	Metal Oxide	AD
	R2276	9GJRS3LMFR56J	J	0.56	3W	Metal Oxide	AL
	R2265	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R2268	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R2269	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R2326	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R2327	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R2204	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2212	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2213	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2214	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2215	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2216	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2217	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2221	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2251	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2252	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2271	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2272	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2285	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2290	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2295	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2296	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2297	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2304	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2311	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2312	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2328	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2339	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R2207	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R2249	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R2206	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R2230	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R2248	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R2210	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R2211	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R2218	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R2219	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R2222	9GJRS1/16S104J	J	100k	1/16W	Chip	AC
	R2229	9GJRS1/16S122J	J	1.2k	1/16W	Chip	AC
	R2228	9GJRS1/16S332J	J	3.3k	1/16W	Chip	AC
	R2205	9GJRS1/16S471J	J	470	1/16W	Chip	AC
	R2247	9GJRS1/16S471J	J	470	1/16W	Chip	AC
	R2208	9GJRS1/16S512J	J	5.1k	1/16W	Chip	AC
	R2201	9GJRS1/16S821J	J	820	1/16W	Chip	AC
	R2220	9GJRS1/16S821J	J	820	1/16W	Chip	AC

MISCELLANEOUS PARTS

	CN2201	9GJKM250MA15	J	Plug, 15-pin	AL
	CN2202	9GJKM250MA3	J	Plug, 3-pin	AL
	KN2201	9GJANK-142	J	Ground Plate	AC
	KN2202	9GJANK-142	J	Ground Plate	AC
	KN2203	9GJANK-142	J	Ground Plate	AC
	KN2204	9GJANK-142	J	Ground Plate	AC
	KN2205	9GJANK-142	J	Ground Plate	AC
	KN2206	9GJANK-142	J	Ground Plate	AC
	KN2207	9GJANK-142	J	Ground Plate	AC
	KN2208	9GJANK-142	J	Ground Plate	AC
	KN2209	9GJANK-142	J	Ground Plate	AC
	KN2210	9GJANK-142	J	Ground Plate	AC
	2201	9GJAEH1049	J	Spacer	AL

[Y DRIVE SCAN BLOCK]
INTEGRATED CIRCUITS

	IC2501	9GJHCPL-M611	J	HCPL-M611	AN
	IC2502	9GJHCPL-M611	J	HCPL-M611	AN
	IC2505	9GJHCPL-M611	J	HCPL-M611	AN
	IC2510	9GJHCPL-M611	J	HCPL-M611	AN
	IC2512	9GJHCPL-M611	J	HCPL-M611	AN
	IC2513	9GJHCPL-M611	J	HCPL-M611	AN
	IC2514	9GJHCPL-M611	J	HCPL-M611	AN
	IC2516	9GJHCPL-M611	J	HCPL-M611	AN
	IC2525	9GJHCPL-M611	J	HCPL-M611	AN
	IC2503	9GJTC74ACT540F	J	TC74ACT540F	AQ
	IC2504	9GJTC74ACT540F	J	TC74ACT540F	AQ
	IC2506	9GJTC74ACT540F	J	TC74ACT540F	AQ

COILS

	L2501	9GJLFEA100J	J	Inductor	AL
	L2502	9GJLFEA100J	J	Inductor	AL
	L2503	9GJLFEA100J	J	Inductor	AL

CAPACITORS

	C2506	9GJCEHAT220M2D	J	22	200V	Electrolytic	AD
	C2527	9GJCEHAT220M2D	J	22	200V	Electrolytic	AD
	C2502	9GJCEHAT221M16	J	220	16V	Electrolytic	AL
	C2524	9GJCEHAT470M16	J	47	16V	Electrolytic	AL
	C2525	9GJCEHAT470M16	J	47	16V	Electrolytic	AL
	C2501	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2503	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2504	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2505	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2507	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2508	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2513	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2515	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2516	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2517	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2519	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2530	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL

RESISTORS

	R2502	9GJRAB4C101J	J			Resistor Array	AB
	R2504	9GJRAB4C101J	J			Resistor Array	AB
	R2571	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R2573	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R2574	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R2575	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R2508	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R2501	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R2509	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R2519	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R2534	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R2541	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R2543	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R2546	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R2552	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R2569	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R2503	9GJRS1/16S471J	J	470	1/16W	Chip	AC
	R2505	9GJRS1/16S471J	J	470	1/16W	Chip	AC
	R2506	9GJRS1/16S471J	J	470	1/16W	Chip	AC
	R2507	9GJRS1/16S471J	J	470	1/16W	Chip	AC
	R2512	9GJRS1/16S471J	J	470	1/16W	Chip	AC
	R2525	9GJRS1/16S471J	J	470	1/16W	Chip	AC
	R2533	9GJRS1/16S471J	J	470	1/16W	Chip	AC
	R2545	9GJRS1/16S471J	J	470	1/16W	Chip	AC
	R2551	9GJRS1/16S471J	J	470	1/16W	Chip	AC

MISCELLANEOUS PARTS

	CN2501	9GJAKM1200	J	Connector, 15-pin	AL
	CN2502	9GJAKM1200	J	Connector, 15-pin	AL

[Y DRIVE DD-CON BLOCK]
INTEGRATED CIRCUITS

	IC2715	9GJAN1431M	J	AN1431M	AH
	IC2716	9GJAN1431M	J	AN1431M	AH

9GJAWZ6683
Y DRIVE ASSY (Continued)

Mark	Ref. No.	Part No.	★	Description	Code
	IC2717	9GJAN1431M	J	AN1431M	AN
	IC2709	9GJHCNR201	J	HCNR201	AY
	IC2708	9GJM5223AFP	J	M5223AFP	AG
	IC2710	9GJM5223AFP	J	M5223AFP	AG
	IC2718	9GJM5223AFP	J	M5223AFP	AG
	IC2711	9GJMIP0223SC	J	MIP0223SC	AT
	IC2701	9GJMIP161	J	MIP161	AQ
	IC2704	9GJMIP301	J	MIP301	AS
	IC2702	9GJTLP181	J	TLP181	
	IC2703	9GJTLP181	J	TLP181	
	IC2705	9GJTLP181	J	TLP181	
	IC2706	9GJTLP181	J	TLP181	
	IC2707	9GJTLP181	J	TLP181	
	IC2712	9GJTLP181	J	TLP181	
	IC2713	9GJTLP181	J	TLP181	
	IC2714	9GJTLP181	J	TLP181	

TRANSISOTRS

	Q2701	9GJ2SC2712	J	2SC2712	AC
	Q2703	9GJ2SC2712	J	2SC2712	AC
	Q2704	9GJHN1A01FU	J	HN1A01FU	AL

DIODES

	D2712	9GJ1SS355	J	Diode	AD
	D2717	9GJ1SS355	J	Diode	AD
	D2718	9GJ1SS355	J	Diode	AD
	D2732	9GJ1SS355	J	Diode	AD
	D2734	9GJ1SS355	J	Diode	AD
	D2736	9GJ1SS355	J	Diode	AD
	D2737	9GJ1SS355	J	Diode	AD
	D2704	9GJD1FL20U	J	Diode	AG
	D2706	9GJD1FL20U	J	Diode	AG
	D2707	9GJD1FL20U	J	Diode	AG
	D2715	9GJD1FL20U	J	Diode	AG
	D2726	9GJD1FL20U	J	Diode	AG
	D2728	9GJD1FL20U	J	Diode	AG
	D2702	9GJD1FL40	J	Diode	AH
	D2714	9GJD1FL40	J	Diode	AH
	D2727	9GJD1FL40	J	Diode	AH
	D2711	9GJD1FS4	J	Diode	AG
	D2725	9GJEC8FS6	J	Diode	AL
	D2733	9GJRD110P	J	Zener Diode	AG
	D2724	9GJU1ZB330	J	Zener Diode	AL
	D2713	9GJU1ZB36	J	Zener Diode	AL
	D2740	9GJUDZ12B	J	Zener Diode	AD
	D2709	9GJUDZ3.6B	J	Zener Diode	AD
	D2716	9GJUDZ3.6B	J	Zener Diode	AD
	D2729	9GJUDZ33B	J	Zener Diode	AD
	D2731	9GJUDZ33B	J	Zener Diode	AD
	D2703	9GJUDZ36B	J	Zener Diode	AF
	D2710	9GJUDZ36B	J	Zener Diode	AF
	D2720	9GJUDZS5.6B	J	Zener Diode	AE
	D2730	9GJUDZS5.6B	J	Zener Diode	AE
	D2739	9GJUDZS5.6B	J	Zener Diode	AE

COIL

	L2701	9GJATH1110	J	Inductor	AL

TRANSFORMERS

	T2702	9GJATK1150	J	SMD Transformeer	AW
	T2703	9GJATK1151	J	VH Transformer	AS
	T2701	9GJATK1152	J	VOFS Transformer	AS

CONTROLS

	VR2702	9GJACP1089	J	1k (B)	AD
	VR2703	9GJACP1089	J	1k (B)	AD
	VR2701	9GJACP1090	J	2.2k (B)	AD

CAPACITORS

	C2701	9GJACH1345	J	22	315V	Electrolytic	AL
	C2735	9GJACH1345	J	22	315V	Electrolytic	AL
	C2706	9GJCEHAT101M16	J	100	16V	Electrolytic	AL
	C2725	9GJCEHAT101M16	J	100	16V	Electrolytic	AL
	C2737	9GJCEHAT101M16	J	100	16V	Electrolytic	AL
	C2709	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C2718	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C2720	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C2739	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C2745	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C2708	9GJCEHAT101M2A	J	100	200V	Electrolytic	AF
	C2740	9GJCEHAT101M2C	J	100	200V	Electrolytic	AK
	C2704	9GJCEHAT221M25	J	220	25V	Electrolytic	AE
	C2715	9GJCEHAT331M16	J	330	16V	Electrolytic	AL
	C2746	9GJCEHAT331M25	J	330	25V	Electrolytic	AL
	C2723	9GJCEHAT470M16	J	47	16V	Electrolytic	AL
	C2751	9GJCEHAT470M16	J	47	16V	Electrolytic	AL
	C2712	9GJCEHAT471M35	J	470	35V	Electrolytic	AD
	C2711	9GJCKSRYB103K5	J	0.01	50V	Ceramic	AD
	C2705	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2713	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2714	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2719	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2721	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2722	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2724	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2727	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2729	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2731	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2733	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2736	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2742	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2743	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2747	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2748	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2749	9GJCKSRYB104K1	J	0.1	16V	Ceramic	AD
	C2728	9GJCKSRYB471K5	J	470	50V	Ceramic	AL
	C2730	9GJCKSRYB471K5	J	470	50V	Ceramic	AL
	C2707	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL
	C2738	9GJCKSRYF104Z5	J	0.1	50V	Ceramic	AL

RESISTORS

	R2735	9GJRS1/16S1000	J	100	1/16W	Chip	AL
	R2791	9GJRS1/16S1000	J	100	1/16W	Chip	AL
	R2780	9GJRS1/16S1103	J	110k	1/16W	Chip	AL
	R2715	9GJRS1/16S1201	J	1.2k	1/16W	Chip	AL
	R2728	9GJRS1/16S1201	J	1.2k	1/16W	Chip	AL
	R2733	9GJRS1/16S1201	J	1.2k	1/16W	Chip	AL
	R2787	9GJRS1/16S1302	J	13k	1/16W	Chip	AL
	R2766	9GJRS1/16S1501	J	1.5k	1/16w	Chip	AL
	R2785	9GJRS1/16S1503	J	150k	1/16W	Chip	AL
	R2777	9GJRS1/16S1802	J	18k	1/16W	Chip	AL
	R2786	9GJRS1/16S1802	J	18k	1/16W	Chip	AL
	R2776	9GJRS1/16S2702	J	27k	1/16W	Chip	AL
	R2705	9GJRS1/16S3002	J	30k	1/16W	Chip	AL
	R2706	9GJRS1/16S3002	J	30k	1/16W	Chip	AL
	R2709	9GJRS1/16S3002	J	30k	1/16W	Chip	AL
	R2710	9GJRS1/16S3002	J	30k	1/16W	Chip	AL
	R2778	9GJRS1/16S3002	J	30k	1/16W	Chip	AL
	R2781	9GJRS1/16S3002	J	30k	1/16W	Chip	AL
	R2783	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AL
	R2734	9GJRS1/16S4702	J	47k	1/16W	Chip	AC
	R2736	9GJRS1/16S4702	J	47k	1/16W	Chip	AC
	R2779	9GJRS1/16S5102	J	51k	1/16W	Chip	AL
	R2773	9GJRS1/16S5601	J	5.6k	1/16W	Chip	AL
	R2784	9GJRS1/16S5602	J	56k	1/16W	Chip	AL
	R2782	9GJRS1/16S6801	J	6.8k	1/16W	Chip	
	R2744	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
	R2745	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
	R2746	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
	R2747	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
	R2748	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
	R2749	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
	R2750	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
	R2751	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
	R2752	9GJRS1/16S9102	J	91k	1/16W	Chip	AL
	R2753	9GJRS1/16S9102	J	91k	1/16W	Chip	AL

Mark	Ref. No.	Part No.	★	Description	Code

9GJAWZ6683
Y DRIVE ASSY (Continued)

R2711	9GJRS1/2S102J	J	1k	1/2W	Chip	AC
R2716	9GJRS1/2S102J	J	1k	1/2W	Chip	AC
R2767	9GJRS1/2S102J	J	1k	1/2W	Chip	AC
R2770	9GJRS1/2S102J	J	1k	1/2W	Chip	AC
R2788	9GJRS1/2S561J	J	560	1/2W	Chip	AL
R2792	9GJRS1/2S561J	J	560	1/2W	Chip	AL
R2771	9GJRS1/2S823J	J	82k	1/2W	Chip	AL
R2772	9GJRS1/2S823J	J	82k	1/2W	Chip	AL
R2712	9GJRS3LMF272J	J	2.7k	3W	Metal Oxide	AL
R2707	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2725	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2743	9GJRS1/16S100J	J	10	1/16W	Chip	AC
R2717	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R2732	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R2759	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R2713	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2718	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2754	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2760	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2790	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R2714	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2719	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2729	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2730	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2739	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2755	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2758	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2761	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2764	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2765	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R2789	9GJRS1/16S104J	J	100k	1/16W	Chip	AC
R2726	9GJRS1/16S151J	J	150	1/16W	Chip	AC
R2727	9GJRS1/16S151J	J	150	1/16W	Chip	AC
R2747	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R2757	9GJRS1/16S221J	J	220	1/16W	Chip	AC
R2723	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R2763	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R2720	9GJRS1/16S272J	J	2.7k	1/16W	Chip	AC
R2768	9GJRS1/16S272J	J	2.7k	1/16W	Chip	AC
R2737	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R2702	9GJRS1/16S471J	J	470	1/16W	Chip	AC
R2721	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2722	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2724	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2731	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2756	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2762	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2769	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2774	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R2775	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC

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SUB ADDRESS A ASSY

INTEGRATED CIRCUITS

IC8801	9GJM5223AFP	J	M5223AFP	AG
IC8802	9GJM5223AFP	J	M5223AFP	AG
IC8804	9GJM5223AFP	J	M5223AFP	AG
IC8803	9GJTC74VHC74FT	J	TC74VHC74FT	AH

TRANSISOTRS

Q8801	9GJ2SA1163	J	2SA1163	AQ
Q8802	9GJ2SA1163	J	2SA1163	AQ
Q8803	9GJ2SC2712	J	2SC2712	AC
Q8804	9GJ2SC2712	J	2SC2712	AC
Q8805	9GJ2SC2712	J	2SC2712	AC
Q8808	9GJ2SC2712	J	2SC2712	AC
Q8806	9GJ2SK209	J	2SK209	AL

DIODES

D8801	9GJ1SS355	J	Diode	AD
D8802	9GJ1SS355	J	Diode	AD
D8803	9GJ1SS355	J	Diode	AD
D8809	9GJ1SS355	J	Diode	AD
D8806	9GJDA227	J	Diode	AL
D8807	9GJDA227	J	Diode	AL
D8808	9GJUDZ27B	J	Zener Diode	AD
D8804	9GJUDZS5.1B	J	Zener Diode	AD

COILS

L8801	9GJATH1074	J	Choke Coil 100µH/0.45A	AH
L8802	9GJATH1081	J	Coil 22µH/0.11A (Chip)	AE
L8803	9GJATH1081	J	Coil 22µH/0.11A (Chip)	AE

CAPACITORS

C8806	9GJCCSRCH101J5	J	100p	50V	Ceramic	AD
C8822	9GJCEHV100M16	J	10	16V	Electrolytic	AE
C8804	9GJCEHV100M35	J	10	35V	Electrolytic	AL
C8801	9GJCEHV470M16	J	47	16V	Electrolytic	AD
C8808	9GJCEHV470M16	J	47	16V	Electrolytic	AD
C8807	9GJCEVNP2R2M35	J	2.2	35V	Electrolytic	AL
C8802	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8803	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8805	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8809	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8810	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8811	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8812	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8813	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8814	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8815	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8816	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8817	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8820	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C8821	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

R8806	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
R8807	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
R8837	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
R8838	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
R8841	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
R8858	9GJRS1/16S1202	J	12k	1/16W	Chip	AL
R8828	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
R8829	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
R8832	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
R8846	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
R8864	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
R8826	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
R8827	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
R8839	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
R8840	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
R8833	9GJRS1/16S4702	J	47k	1/16W	Chip	AC
R8859	9GJRS1/16S5602	J	56k	1/16W	Chip	AL
R8801	9GJRS1/2S1R5J	J	1.5	1/2W	Chip	AL
R8802	9GJRS1/2S1R5J	J	1.5	1/2W	Chip	AL
R8803	9GJRS1/2S2R2J	J	2.2	1/2W	Chip	AE
R8804	9GJRS1/2S2R2J	J	2.2	1/2W	Chip	AE
R8805	9GJRS1/2S2R2J	J	2.2	1/2W	Chip	AE
R8809	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R8808	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R8819	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R8822	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R8834	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R8855	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R8860	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R8861	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R8823	9GJRS1/16S104J	J	100k	1/16W	Chip	AC
R8813	9GJRS1/16S105J	J	1M	1/16W	Chip	AC
R8851	9GJRS1/16S220J	J	22	1/16W	Chip	AC
R8868	9GJRS1/16S220J	J	22	1/16W	Chip	AC
R8847	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R8848	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code

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SUB ADDRESS A ASSY (Continued)

	R8821	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R8849	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R8852	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R8816	9GJRS1/16S272J	J	2.7k	1/16W	Chip	AC
	R8810	9GJRS1/16S273J	J	27k	1/16W	Chip	AC
	R8814	9GJRS1/16S332J	J	3.3k	1/16W	Chip	AC
	R8815	9GJRS1/16S333J	J	33k	1/16W	Chip	AC
	R8817	9GJRS1/16S333J	J	33k	1/16W	Chip	AC
	R8818	9GJRS1/16S333J	J	33k	1/16W	Chip	AC
	R8820	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R8830	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R8831	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R8854	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R8811	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC
	R8812	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC
	R8842	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC
	R8862	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC
	R8865	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC

MISCELLANEOUS PARTS

	CN8803	9GJAKM1205	J	Connector, 23-pin	AN
	CN8801	9GJS3B-PH-SM3	J	PH Connector	AF
	CN8802	9GJS8B-PH-SM3	J	PH Connector	AL

9GJAWZ6693
SUB ADDRESS B ASSY

INTEGRATED CIRCUITS

	IC8901	9GJM5223AFP	J	M5223AFP	AG
	IC8902	9GJM5223AFP	J	M5223AFP	AG
	IC8904	9GJM5223AFP	J	M5223AFP	AG
	IC8903	9GJTC74VHC74FT	J	TC74VHC74FT	

TRANSISOTRS

	Q8901	9GJ2SA1163	J	2SA1163	AQ
	Q8902	9GJ2SA1163	J	2SA1163	AQ
	Q8903	9GJ2SC2712	J	2SC2712	AC
	Q8904	9GJ2SC2712	J	2SC2712	AC
	Q8905	9GJ2SC2712	J	2SC2712	AC
	Q8908	9GJ2SC2712	J	2SC2712	AC
	Q8906	9GJ2SK209	J	2SK209	AL

DIODES

	D8901	9GJ1SS355	J	Diode	AD
	D8902	9GJ1SS355	J	Diode	AD
	D8903	9GJ1SS355	J	Diode	AD
	D8909	9GJ1SS355	J	Diode	AD
	D8906	9GJDA227	J	Diode	AL
	D8907	9GJDA227	J	Diode	AL
	D8908	9GJUDZ27B	J	Zener Diode	AD
	D8904	9GJUDZS5.1B	J	Zener Diode	AD

COILS

	L8901	9GJATH1074	J	Choke Coil 100µH/0.45A	AH
	L8902	9GJATH1081	J	Coil 22µH/0.11A (Chip)	AE
	L8903	9GJATH1081	J	Coil 22µH/0.11A (Chip)	AE

CAPACITORS

	C8906	9GJCCSRCH101J5	J	100p	50V	Ceramic	AD
	C8922	9GJCEHV100M16	J	10	16V	Electrolytic	AE
	C8904	9GJCEHV100M35	J	10	35V	Electrolytic	AL
	C8901	9GJCEHV470M16	J	47	16V	Electrolytic	AD
	C8908	9GJCEHV470M16	J	47	16V	Electrolytic	AD
	C8907	9GJCEVNP2R2M35	J	2.2	35V	Electrolytic	AL
	C8902	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C8903	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C8905	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C8909	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C8910	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C8911	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C8912	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C8913	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C8914	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C8915	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C8916	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C8917	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C8920	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C8921	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

	R8906	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
	R8907	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
	R8937	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
	R8938	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
	R8941	9GJRS1/16S1002	J	10k	1/16W	Chip	AC
	R8958	9GJRS1/16S1202	J	12k	1/16W	Chip	AL
	R8928	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
	R8929	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
	R8932	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
	R8946	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
	R8964	9GJRS1/16S2202	J	22k	1/16W	Chip	AL
	R8926	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
	R8927	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
	R8939	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
	R8940	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AC
	R8933	9GJRS1/16S4702	J	47k	1/16W	Chip	AC
	R8959	9GJRS1/16S5602	J	56k	1/16W	Chip	AL
	R8901	9GJRS1/2S1R5J	J	1.5	1/2W	Chip	AL
	R8902	9GJRS1/2S1R5J	J	1.5	1/2W	Chip	AL
	R8903	9GJRS1/2S2R2J	J	2.2	1/2W	Chip	AE
	R8904	9GJRS1/2S2R2J	J	2.2	1/2W	Chip	AE
	R8905	9GJRS1/2S2R2J	J	2.2	1/2W	Chip	AE
	R8909	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R8908	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R8919	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R8922	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R8934	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R8955	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R8960	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R8961	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R8923	9GJRS1/16S104J	J	100k	1/16W	Chip	AC
	R8913	9GJRS1/16S105J	J	1M	1/16W	Chip	AC
	R8951	9GJRS1/16S220J	J	22	1/16W	Chip	AC
	R8968	9GJRS1/16S220J	J	22	1/16W	Chip	AC
	R8947	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
	R8948	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
	R8921	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R8949	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R8952	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R8916	9GJRS1/16S272J	J	2.7k	1/16W	Chip	AC
	R8910	9GJRS1/16S273J	J	27k	1/16W	Chip	AC
	R8914	9GJRS1/16S332J	J	3.3k	1/16W	Chip	AC
	R8915	9GJRS1/16S333J	J	33k	1/16W	Chip	AC
	R8917	9GJRS1/16S333J	J	33k	1/16W	Chip	AC
	R8918	9GJRS1/16S333J	J	33k	1/16W	Chip	AC
	R8920	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R8930	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R8931	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R8954	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R8911	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC
	R8912	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC
	R8942	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC
	R8962	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC
	R8965	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC

MISCELLANEOUS PARTS

	CN8903	9GJAKM1205	J	Connector, 23-pin	AN
	CN8901	9GJS3B-PH-SM3	J	PH Connector	AF
	CN8902	9GJS8B-PH-SM3	J	PH Connector	AL

9GJAWV1929
DIGITAL VIDEO ASSY

[INTERFACE BLOCK]
INTEGRATED CIRCUITS

Mark	Ref. No.	Part No.	★	Description	Code
	IC1001	9GJTC74VHC541F	J	TC74VHC541F	AN
	IC1002	9GJTC74VHC541F	J	TC74VHC541F	AN
	IC1003	9GJTC74VHC541F	J	TC74VHC541F	AN
	IC1004	9GJTC74VHC541F	J	TC74VHC541F	AN
	IC1005	9GJTC74VHC541F	J	TC74VHC541F	AN
	IC1006	9GJTC74VHC541F	J	TC74VHC541F	AN
	IC1007	9GJTC74VHC541F	J	TC74VHC541F	AN
	IC1008	9GJTC74VHC541F	J	TC74VHC541F	AN

FILTERS

Mark	Ref. No.	Part No.	★	Description	Code
	F1001	9GJATF1194	J	EMI Filter	AL
	F1002	9GJATF1194	J	EMI Filter	AL
	F1003	9GJATF1194	J	EMI Filter	AL
	F1004	9GJATF1194	J	EMI Filter	AL
	F1005	9GJATF1194	J	EMI Filter	AL
	F1006	9GJATF1194	J	EMI Filter	AL

CAPACITORS

Mark	Ref. No.	Part No.	★				Code
	C1001	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1002	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1003	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1004	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1005	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1006	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1007	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1008	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

Mark	Ref. No.	Part No.	★				Code
	R1044	9GJRAB4C101J	J			Resistor Array	AB
	R1001	9GJRAB4C103J	J			Resistor Array	AB
	R1002	9GJRAB4C103J	J			Resistor Array	AB
	R1003	9GJRAB4C103J	J			Resistor Array	AB
	R1004	9GJRAB4C103J	J			Resistor Array	AB
	R1005	9GJRAB4C103J	J			Resistor Array	AB
	R1006	9GJRAB4C103J	J			Resistor Array	AB
	R1007	9GJRAB4C103J	J			Resistor Array	AB
	R1036	9GJRAB4C103J	J			Resistor Array	AB
	R1063	9GJRAB4C103J	J			Resistor Array	AB
	R1064	9GJRAB4C103J	J			Resistor Array	AB
	R1065	9GJRAB4C103J	J			Resistor Array	AB
	R1066	9GJRAB4C103J	J			Resistor Array	AB
	R1067	9GJRAB4C103J	J			Resistor Array	AB
	R1068	9GJRAB4C103J	J			Resistor Array	AB
	R1069	9GJRAB4C103J	J			Resistor Array	AB
	R1008	9GJRAB4C470J	J			Resistor Array	AB
	R1009	9GJRAB4C470J	J			Resistor Array	AB
	R1010	9GJRAB4C470J	J			Resistor Array	AB
	R1011	9GJRAB4C470J	J			Resistor Array	AB
	R1012	9GJRAB4C470J	J			Resistor Array	AB
	R1013	9GJRAB4C470J	J			Resistor Array	AB
	R1014	9GJRAB4C470J	J			Resistor Array	AB
	R1015	9GJRAB4C470J	J			Resistor Array	AB
	R1016	9GJRAB4C470J	J			Resistor Array	AB
	R1017	9GJRAB4C470J	J			Resistor Array	AB
	R1019	9GJRAB4C470J	J			Resistor Array	AB
	R1020	9GJRAB4C470J	J			Resistor Array	AB
	R1027	9GJRAB4C470J	J			Resistor Array	AB
	R1032	9GJRAB4C470J	J			Resistor Array	AB
	R1034	9GJRAB4C470J	J			Resistor Array	AB
	R1035	9GJRAB4C470J	J			Resistor Array	AB
	R1037	9GJRAB4C470J	J			Resistor Array	AB
	R1038	9GJRAB4C470J	J			Resistor Array	AB
	R1040	9GJRAB4C470J	J			Resistor Array	AB
	R1041	9GJRAB4C470J	J			Resistor Array	AB
	R1042	9GJRAB4C470J	J			Resistor Array	AB
	R1043	9GJRAB4C470J	J			Resistor Array	AB
	R1048	9GJRAB4C470J	J			Resistor Array	AB
	R1049	9GJRAB4C470J	J			Resistor Array	AB
	R1051	9GJRAB4C470J	J			Resistor Array	AB
	R1052	9GJRAB4C470J	J			Resistor Array	AB
	R1053	9GJRAB4C470J	J			Resistor Array	AB
	R1054	9GJRAB4C470J	J			Resistor Array	AB
	R1059	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R1074	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R1050	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1070	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1071	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1072	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1073	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1023	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1024	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1025	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1026	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1028	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1029	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1030	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1031	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1039	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1045	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1046	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1047	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1060	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1061	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1062	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1075	9GJRS1/16S473J	J	47k	1/16W	Chip	AC

MISCELLANEOUS PARTS

Mark	Ref. No.	Part No.	★	Description	Code
	CN1001	9GJB12B-PH-SM3	J	PH Connector	AH
	CN1003	9GJAKM1201	J	Connector, 50-pin	AQ
	CN1004	9GJAKM1201	J	Connector, 50-pin	AQ

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DIGITAL VIDEO ASSY (Continued)

[PANEL UCOM BLOCK]
INTEGRATED CIRCUITS

Mark	Ref. No.	Part No.	★	Description	Code
	IC1101	9GJHD64F2328VF	J	HD64F2328VF	BK
	IC1102	9GJPST9228N	J	PST9228N	AL
	IC1103	9GJNC7SZ08P5	J	NC7SZ08P5	AL

TRANSISOTRS

Mark	Ref. No.	Part No.	★	Description	Code
	Q1101	9GJDTC143EK	J	DTC143EK	AL
	Q1103	9GJDTC143EK	J	DTC143EK	AL

DIODE

Mark	Ref. No.	Part No.	★	Description	Code
	D1101	9GJAEL1171	J	LED (Red/Green)	AF

PACKAGED CIRCUIT

Mark	Ref. No.	Part No.	★	Description	Code
	X1101	9GJASS1160	J	Ceramic Resonator (25MHz)	AL

CAPACITORS

Mark	Ref. No.	Part No.	★				Code
	C1123	9GJCCSRCH7R0D5	J	7p	50V	Chip	AD
	C1124	9GJCCSRCH7R0D5	J	7p	50V	Chip	AD
	C1101	9GJCEV101M4	J	100	4V	Electrolytic	AD
	C1102	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
	C1109	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
	C1110	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
	C1112	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
	C1113	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
	C1114	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
	C1115	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
	C1116	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
	C1129	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
	C1130	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
	C1131	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
	C1132	9GJCKSRYB102K5	J	1000p	50V	Chip	AD
	C1117	9GJCKSRYB103K5	J	0.01	50V	Chip	AD
	C1121	9GJCKSRYB103K5	J	0.01	50V	Chip	AD
	C1120	9GJCKSRYB472K5	J	4700p	50V	Chip	AD
	C1103	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
	C1104	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
	C1105	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
	C1106	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
	C1107	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
	C1108	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
	C1111	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
	C1118	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
	C1119	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
	C1122	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
	C1125	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
	C1126	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
	C1127	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD
	C1128	9GJCKSRYF104Z1	J	0.1	16V	Chip	AD

RESISTORS

Mark	Ref. No.	Part No.	★				Code
	R1104	9GJRAB4C472J	J			Resistor Array	AL
	R1107	9GJRAB4C472J	J			Resistor Array	AL
	R1110	9GJRAB4C472J	J			Resistor Array	AL
	R1113	9GJRAB4C472J	J			Resistor Array	AL
	R1114	9GJRAB4C472J	J			Resistor Array	AL
	R1116	9GJRAB4C472J	J			Resistor Array	AL
	R1121	9GJRAB4C472J	J			Resistor Array	AL
	R1124	9GJRAB4C472J	J			Resistor Array	AL
	R1127	9GJRAB4C472J	J			Resistor Array	AL
	R1129	9GJRAB4C472J	J			Resistor Array	AL
	R1128	9GJRD1/4PU473J	J			Resistor Array	AL
	R1109	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R1112	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R1130	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R1131	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R1115	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1117	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1134	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1126	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R1119	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1101	9GJRS1/16S471J	J	470	1/16W	Chip	AC
	R1103	9GJRS1/16S471J	J	470	1/16W	Chip	AC
	R1105	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R1106	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R1108	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R1120	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R1122	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R1123	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R1125	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R1132	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R1136	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R1137	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC

[MODULE UCOM BLOCK]
INTEGRATED CIRCUITS

Mark	Ref. No.	Part No.	★	Description	Code
	IC1204	9GJ24LC04B(I)SN	J	24LC04B(I)SN	
	IC1208	9GJPST9246N	J	PST9246N	AL
	IC1202	9GJTC74VHC08FT	J	TC74VHC08FT	AL
	IC1201	9GJTC74VHC21FT	J	TC74VHC21FT	AL
	IC1205	9GJTC74VHC541F	J	TC74VHC541F	AN
	IC1203	9GJTC74VHCT541	J	TC74VHCT541	AM
	IC1206	9GJTC7W126FU	J	TC7W126FU	

DIODES

Mark	Ref. No.	Part No.	★	Description	Code
	D1201	9GJ1SS355	J	Diode	AD
	D1202	9GJ1SS355	J	Diode	AD

PACKAGED CIRCUIT

Mark	Ref. No.	Part No.	★	Description	Code
	X1201	9GJASS1159	J	Ceramic Resonator (16MHz)	AL

CAPACITORS

Mark	Ref. No.	Part No.	★				Code
	C1213	9GJCCSRCH470J5	J	47p	50V	Chip	AD
	C1243	9GJCCSRCH470J5	J	47p	50V	Chip	AD
	C1244	9GJCCSRCH470J5	J	47p	50V	Chip	AD
	C1245	9GJCCSRCH470J5	J	47p	50V	Chip	AD
	C1235	9GJCCSRCH7R0D5	J	7p	50V	Chip	AD
	C1236	9GJCCSRCH7R0D5	J	7p	50V	Chip	AD
	C1225	9GJCEV470M6R3	J	6.3	47V	Electrolytic	AD
	C1232	9GJCEV470M6R3	J	6.3	47V	Electrolytic	AD
	C1201	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1202	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1203	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1206	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1207	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1208	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1209	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1210	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1211	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1214	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1215	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1216	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1218	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1219	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1223	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1224	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1226	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1227	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1229	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1237	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1238	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1241	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1242	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1247	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1234	9GJCKSRYB103K5	J	0.01	50V	Ceramic (Chip)	AD
	C1233	9GJCKSRYB472K5	J	4700p	50V	Ceramic (Chip)	AD
	C1204	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD
	C1205	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD
	C1212	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD
	C1217	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD
	C1221	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD
	C1222	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD

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DIGITAL VIDEO ASSY (Continued)

Mark	Ref. No.	Part No.	★			Description	Code
	C1228	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD
	C1230	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD
	C1231	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD
	C1239	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD
	C1240	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD
	C1246	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD
	C1248	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD
	C1249	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD
	C1250	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD

RESISTORS

	R1209	9GJRAB4C101J	J			Resistor Array	AB
	R1214	9GJRAB4C101J	J			Resistor Array	AB
	R1245	9GJRAB4C101J	J			Resistor Array	AB
	R1242	9GJRAB4C103J	J			Resistor Array	AB
	R1207	9GJRAB4C123J	J			Resistor Array	AL
	R1213	9GJRAB4C473J	J			Resistor Array	AL
	R1216	9GJRAB4C473J	J			Resistor Array	AL
	R1202	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R1229	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R1234	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R1258	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R1210	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1211	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1217	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1218	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1222	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1223	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1224	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1235	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1236	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1237	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1239	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1240	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1243	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1244	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1246	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1249	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1250	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1256	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1232	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R1204	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1205	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1215	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1219	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1220	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1231	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1238	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1247	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1248	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1208	9GJRS1/16S123J	J	12k	1/16W	Chip	AC
	R1212	9GJRS1/16S123J	J	12k	1/16W	Chip	AC
	R1203	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
	R1227	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
	R1228	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
	R1230	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R1226	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
	R1251	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
	R1252	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
	R1254	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
	R1261	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
	R1221	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
	R1253	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
	R1257	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
	R1259	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
	R1260	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
	R1262	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
	R1255	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC

MISCELLANEOUS PARTS

	CN1201	9GJCKS3130	J	Plug, 8-pin	AL
	CN1202	9GJCKS3130	J	Plug, 8-pin	AL
	CN1203	9GJB3B-PH-SM3	J	PH Connector	AF

[DIGITAL BLOCK] SEMICONDUCTORS

	IC1802	9GJFS781BZB	J	FS781BZB	AU
	IC1704	9GJNC7SZ08P5	J	NC7SZ08P5	AL
	IC1301	9GJPD6358A	J	PD6358A	BZ
	IC1401	9GJPD6358A	J	PD6358A	BZ
	IC1703	9GJPE5064A	J	PE5064A	BP
	IC1501	9GJTC74VCX541F	J	TC74VCX541F	AQ
	IC1502	9GJTC74VCX541F	J	TC74VCX541F	AQ
	IC1601	9GJTC74VCX541F	J	TC74VCX541F	AQ
	IC1602	9GJTC74VCX541F	J	TC74VCX541F	AQ
	IC1702	9GJTC74VHC541F	J	TC74VHC541F	AN
	IC1801	9GJTC74VHC541F	J	TC74VHC541F	AN
	IC1803	9GJTC74VHC74FT	J	TC74VHC74F	AH
	IC1701	9GJTC74VHCT541	J	TC74VHCT541	AM

DIODES

	D1301	9GJ1SS226	J	Diode	AD
	D1302	9GJ1SS226	J	Diode	AD
	D1303	9GJ1SS226	J	Diode	AD
	D1305	9GJ1SS226	J	Diode	AD

PACKAGED CIRCUIT

	X1801	9GJASS1146	J	Crystal Resonator (50.000MHz)	AS

FILTERS

	F1301	9GJATF1194	J	EMI Filter	AL
	F1302	9GJATF1194	J	EMI Filter	AL
	F1303	9GJATF1194	J	EMI Filter	AL
	F1304	9GJATF1194	J	EMI Filter	AL
	F1501	9GJATF1194	J	EMI Filter	AL
	F1502	9GJATF1194	J	EMI Filter	AL
	F1503	9GJATF1194	J	EMI Filter	AL
	F1504	9GJATF1194	J	EMI Filter	AL
	F1505	9GJATF1194	J	EMI Filter	AL
	F1601	9GJATF1194	J	EMI Filter	AL
	F1602	9GJATF1194	J	EMI Filter	AL
	F1603	9GJATF1194	J	EMI Filter	AL
	F1604	9GJATF1194	J	EMI Filter	AL
	F1605	9GJATF1194	J	EMI Filter	AL

CAPACITORS

	C1807	9GJCCSRCH271J5	J	270p	50V	Ceramic (Chip)	AD
	C1802	9GJCEV100M16	J	10	16V	Electrolytic	AD
	C1306	9GJCEV101M4	J	100	4V	Electrolytic	AD
	C1322	9GJCEV101M4	J	100	4V	Electrolytic	AD
	C1406	9GJCEV101M4	J	100	4V	Electrolytic	AD
	C1422	9GJCEV101M4	J	100	4V	Electrolytic	AD
	C1711	9GJCEV101M4	J	100	4V	Electrolytic	AD
	C1806	9GJCEV101M4	J	100	4V	Electrolytic	AD
	C1504	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1506	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1507	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1508	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1604	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1605	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1606	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1607	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1608	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1712	9GJCKSRYB102K5	J	1000p	50V	Ceramic (Chip)	AD
	C1303	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1304	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1305	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1307	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1308	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1309	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1310	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1311	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1312	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1313	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

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DIGITAL VIDEO ASSY (Continued)

Mark	Ref. No.	Part No.	★			Description	Code
	C1314	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1315	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1316	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1317	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1318	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1319	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1320	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1321	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1323	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1324	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1325	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1326	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1327	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1328	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1329	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1330	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1331	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1332	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1333	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1334	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1335	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1336	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1403	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1404	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1405	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1407	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1408	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1409	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1410	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1411	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1412	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1413	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1414	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1415	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1416	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1417	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1418	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1419	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1420	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1421	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1423	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1424	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1425	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1426	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1427	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1428	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1429	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1430	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1431	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1432	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1433	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1434	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1435	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1436	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1501	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1503	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1601	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1603	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1701	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1702	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1703	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1704	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1705	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1706	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1707	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1708	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1709	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1710	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1713	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1803	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1804	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C1805	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

	R1502	9GJRAB4C101J	J			Resistor Array	AB
	R1517	9GJRAB4C101J	J			Resistor Array	AB
	R1606	9GJRAB4C101J	J			Resistor Array	AB
	R1622	9GJRAB4C101J	J			Resistor Array	AB
	R1307	9GJRAB4C220J	J			Resistor Array	AB
	R1310	9GJRAB4C220J	J			Resistor Array	AB
	R1311	9GJRAB4C220J	J			Resistor Array	AB
	R1312	9GJRAB4C220J	J			Resistor Array	AB
	R1313	9GJRAB4C220J	J			Resistor Array	AB
	R1314	9GJRAB4C220J	J			Resistor Array	AB
	R1315	9GJRAB4C220J	J			Resistor Array	AB
	R1317	9GJRAB4C220J	J			Resistor Array	AB
	R1318	9GJRAB4C220J	J			Resistor Array	AB
	R1321	9GJRAB4C220J	J			Resistor Array	AB
	R1322	9GJRAB4C220J	J			Resistor Array	AB
	R1326	9GJRAB4C220J	J			Resistor Array	AB
	R1327	9GJRAB4C220J	J			Resistor Array	AB
	R1328	9GJRAB4C220J	J			Resistor Array	AB
	R1329	9GJRAB4C220J	J			Resistor Array	AB
	R1330	9GJRAB4C220J	J			Resistor Array	AB
	R1331	9GJRAB4C220J	J			Resistor Array	AB
	R1332	9GJRAB4C220J	J			Resistor Array	AB
	R1333	9GJRAB4C220J	J			Resistor Array	AB
	R1334	9GJRAB4C220J	J			Resistor Array	AB
	R1335	9GJRAB4C220J	J			Resistor Array	AB
	R1336	9GJRAB4C220J	J			Resistor Array	AB
	R1337	9GJRAB4C220J	J			Resistor Array	AB
	R1338	9GJRAB4C220J	J			Resistor Array	AB
	R1339	9GJRAB4C220J	J			Resistor Array	AB
	R1340	9GJRAB4C220J	J			Resistor Array	AB
	R1341	9GJRAB4C220J	J			Resistor Array	AB
	R1342	9GJRAB4C220J	J			Resistor Array	AB
	R1343	9GJRAB4C220J	J			Resistor Array	AB
	R1344	9GJRAB4C220J	J			Resistor Array	AB
	R1407	9GJRAB4C220J	J			Resistor Array	AB
	R1410	9GJRAB4C220J	J			Resistor Array	AB
	R1411	9GJRAB4C220J	J			Resistor Array	AB
	R1412	9GJRAB4C220J	J			Resistor Array	AB
	R1413	9GJRAB4C220J	J			Resistor Array	AB
	R1414	9GJRAB4C220J	J			Resistor Array	AB
	R1415	9GJRAB4C220J	J			Resistor Array	AB
	R1417	9GJRAB4C220J	J			Resistor Array	AB
	R1418	9GJRAB4C220J	J			Resistor Array	AB
	R1421	9GJRAB4C220J	J			Resistor Array	AB
	R1422	9GJRAB4C220J	J			Resistor Array	AB
	R1426	9GJRAB4C220J	J			Resistor Array	AB
	R1427	9GJRAB4C220J	J			Resistor Array	AB
	R1428	9GJRAB4C220J	J			Resistor Array	AB
	R1429	9GJRAB4C220J	J			Resistor Array	AB
	R1430	9GJRAB4C220J	J			Resistor Array	AB
	R1431	9GJRAB4C220J	J			Resistor Array	AB
	R1432	9GJRAB4C220J	J			Resistor Array	AB
	R1433	9GJRAB4C220J	J			Resistor Array	AB
	R1434	9GJRAB4C220J	J			Resistor Array	AB
	R1435	9GJRAB4C220J	J			Resistor Array	AB
	R1436	9GJRAB4C220J	J			Resistor Array	AB
	R1437	9GJRAB4C220J	J			Resistor Array	AB
	R1438	9GJRAB4C220J	J			Resistor Array	AB
	R1439	9GJRAB4C220J	J			Resistor Array	AB
	R1440	9GJRAB4C220J	J			Resistor Array	AB
	R1441	9GJRAB4C220J	J			Resistor Array	AB
	R1442	9GJRAB4C220J	J			Resistor Array	AB
	R1443	9GJRAB4C220J	J			Resistor Array	AB
	R1444	9GJRAB4C220J	J			Resistor Array	AB
	R1501	9GJRAB4C470J	J			Resistor Array	AB
	R1514	9GJRAB4C470J	J			Resistor Array	AB
	R1607	9GJRAB4C470J	J			Resistor Array	AB
	R1627	9GJRAB4C470J	J			Resistor Array	AB
	R1701	9GJRAB4C470J	J			Resistor Array	AB
	R1703	9GJRAB4C470J	J			Resistor Array	AB
	R1704	9GJRAB4C470J	J			Resistor Array	AB
	R1705	9GJRAB4C470J	J			Resistor Array	AB

9GJAWV1929
DIGITAL VIDEO ASSY (Continued)

Mark	Ref. No.	Part No.	★			Description	Code
	R1706	9GJRAB4C470J	J			Resistor Array	AB
	R1707	9GJRAB4C470J	J			Resistor Array	AB
	R1708	9GJRAB4C470J	J			Resistor Array	AB
	R1709	9GJRAB4C470J	J			Resistor Array	AB
	R1712	9GJRAB4C470J	J			Resistor Array	AB
	R1713	9GJRAB4C470J	J			Resistor Array	AB
	R1714	9GJRAB4C470J	J			Resistor Array	AB
	R1715	9GJRAB4C470J	J			Resistor Array	AB
	R1716	9GJRAB4C470J	J			Resistor Array	AB
	R1717	9GJRAB4C470J	J			Resistor Array	AB
	R1551	9GJRS1/2S680J	J	68	1/2W	Chip	AL
	R1552	9GJRS1/2S680J	J	68	1/2W	Chip	AL
	R1308	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R1409	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R1649	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R1723	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R1819	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R1347	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1348	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1349	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1350	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1351	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1543	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1544	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1545	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1546	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1547	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1643	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1644	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1645	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1646	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1647	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1722	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1807	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1808	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1809	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1810	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1816	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1818	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R1802	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R1301	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1306	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1401	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1402	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1710	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1711	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1801	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1806	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R1803	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
	R1804	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
	R1812	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
	R1813	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
	R1721	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R1811	9GJRS1/16S332J	J	3.3k	1/16W	Chip	AC
	R1303	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1304	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1319	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1325	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1403	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1404	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1419	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1425	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1702	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1719	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1815	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1817	9GJRS1/16S470J	J	47	1/16W	Chip	AC
	R1718	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R1539	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
	R1540	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
	R1541	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
	R1542	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
	R1639	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
	R1640	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
	R1641	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
	R1642	9GJRS1/16S474J	J	470k	1/16W	Chip	AC
	R1805	9GJRS1/16S820J	J	82	1/16W	Chip	AC
	R1820	9GJRS1/16S820J	J	82	1/16W	Chip	AC
	R1821	9GJRS1/16S820J	J	82	1/16W	Chip	AC
	R1548	9GJRS1/16S824J	J	820k	1/16W	Chip	AL
	R1648	9GJRS1/16S824J	J	820k	1/16W	Chip	AL

MISCELLANEOUS PARTS

CN1701	9GJAKM1201	J	Connector, 50-pin		AQ
CN1501	9GJAKM1202	J	Connector, 55-pin		AS
CN1502	9GJAKM1202	J	Connector, 55-pin		AS
CN1504	9GJAKM1202	J	Connector, 55-pin		AS
CN1505	9GJAKM1202	J	Connector, 55-pin		AS
CN1601	9GJAKM1202	J	Connector, 55-pin		AS
CN1602	9GJAKM1202	J	Connector, 55-pin		AS
CN1604	9GJAKM1202	J	Connector, 55-pin		AS
CN1605	9GJAKM1202	J	Connector, 55-pin		AS
CN1503	9GJB8B-PH-SM3	J	PH Connector		AG
CN1603	9GJB8B-PH-SM3	J	PH Connector		AG
CN1301	9GJCKS3130	J	Plug, 8-pin		AL
CN1702	9GJKF050HA30L	J	Connector, 30-pin		AL

[D-D CONVERTER BLOCK]
TRANSISOTRS

Q1902	9GJ2SC2712	J	2SC2712	AC
Q1905	9GJ2SC2712	J	2SC2712	AC
Q1907	9GJ2SC2712	J	2SC2712	AC
Q1903	9GJDTC143EK	J	DTC143EK	AL
Q1901	9GJHN1C01FU	J	HN1C01FU	AL
Q1904	9GJHN1C01FU	J	HN1C01FU	AL
Q1906	9GJHN1C01FU	J	HN1C01FU	AL

DIODES

D1903	9GJ1SS355	J	Diode	AD
D1904	9GJ1SS355	J	Diode	AD
D1905	9GJ1SS355	J	Diode	AD
D1906	9GJ1SS355	J	Diode	AD
D1911	9GJ1SS355	J	Diode	AD
D1912	9GJ1SS355	J	Diode	AD
D1908	9GJHZU2.2B	J	Zener Diode	AL
D1902	9GJUDZ3.6B	J	Zener Diode	AD
D1909	9GJUDZ3.6B	J	Zener Diode	AD
D1907	9GJUDZS5.1B	J	Zener Diode	AD
D1901	9GJUDZS6.8B	J	Zener Diode	AD

CAPACITORS

C1904	9GJCEV220M16	J	220	16V	Electrolytic	AD
C1906	9GJCEV220M16	J	220	16V	Electrolytic	AD
C1912	9GJCEV220M16	J	220	16V	Electrolytic	AD
C1901	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1902	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1903	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1905	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1907	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1908	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1909	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1910	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
C1911	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

R1935	9GJRS1/2S680J	J	68	1/2W	Chip	AL
R1936	9GJRS1/2S680J	J	68	1/2W	Chip	AL
R1933	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R1934	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R1905	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1908	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1912	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1915	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1918	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1927	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R1930	9GJRS1/16S101J	J	100	1/16W	Chip	AC

Mark	Ref. No.	Part No.	★	Description	Code

9GJAWV1929
DIGITAL VIDEO ASSY (Continued)

R1906	9GJRS1/16S103J	J	10k	1/16W	Chip		AC
R1909	9GJRS1/16S103J	J	10k	1/16W	Chip		AC
R1913	9GJRS1/16S103J	J	10k	1/16W	Chip		AC
R1916	9GJRS1/16S103J	J	10k	1/16W	Chip		AC
R1928	9GJRS1/16S103J	J	10k	1/16W	Chip		AC
R1931	9GJRS1/16S103J	J	10k	1/16W	Chip		AC
R1901	9GJRS1/16S122J	J	1.2k	1/16W	Chip		AC
R1902	9GJRS1/16S122J	J	1.2k	1/16W	Chip		AC
R1919	9GJRS1/16S122J	J	1.2k	1/16W	Chip		AC
R1923	9GJRS1/16S122J	J	1.2k	1/16W	Chip		AC
R1920	9GJRS1/16S220J	J	22	1/16W	Chip		AC
R1922	9GJRS1/16S221J	J	220	1/16W	Chip		AC
R1924	9GJRS1/16S222J	J	2.2k	1/16W	Chip		AC
R1926	9GJRS1/16S222J	J	4.7k	1/16W	Chip		AC
R1903	9GJRS1/16S472J	J	4.7k	1/16W	Chip		AC
R1904	9GJRS1/16S472J	J	4.7k	1/16W	Chip		AC
R1907	9GJRS1/16S472J	J	4.7k	1/16W	Chip		AC
R1911	9GJRS1/16S472J	J	4.7k	1/16W	Chip		AC
R1914	9GJRS1/16S472J	J	4.7k	1/16W	Chip		AC
R1917	9GJRS1/16S472J	J	4.7k	1/16W	Chip		AC
R1921	9GJRS1/16S472J	J	4.7k	1/16W	Chip		AC
R1925	9GJRS1/16S472J	J	4.7k	1/16W	Chip		AC
R1929	9GJRS1/16S472J	J	4.7k	1/16W	Chip		AC
R1932	9GJRS1/16S472J	J	4.7k	1/16W	Chip		AC
R1910	9GJRS1/16S473J	J	47k	1/16W	Chip		AC

MISCELLANEOUS PARTS

CN1901	9GJB13B-PH-SM3	J	PH Connector	AH
1901	9GJAXY1054	J	DC-DC Converter	BH

Mark	Ref. No.	Part No.	★	Description	Code

9GJAWZ6694
MR INTERFACE ASSY

[INTERFACE BLOCK]
INTEGRATED CIRCUITS

IC4011	9GJCXA1875AM	J	CXA1875AM	
IC4007	9GJM5223AFP	J	M5223AFP	AG
IC4010	9GJM5223AFP	J	M5223AFP	AG
IC4005	9GJM62320FP	J	M62320FP	AS
IC4001	9GJPQ05DZ51	J	PQ05DZ51	AN
IC4002	9GJPQ20VZ1U	J	PQ20VZ1U	AN
IC4003	9GJPQ20VZ1U	J	PQ20VZ1U	AN
IC4004	9GJPQ20VZ1U	J	PQ20VZ1U	AN
IC4013	9GJPST9228N	J	PST9228N	AL
IC4008	9GJTC74HC00AF	J	TC74HC00AF	AL
IC4009	9GJTC74HC00AF	J	TC74HC00AF	AL
IC4012	9GJTC74HC4066A	J	TC74HC4066A	AK
IC4006	9GJTC74VHCT541	J	TC74VHCT541	AM

TRANSISOTRS

Q4003	9GJ2SA1162	J	2SA1162	AD
Q4004	9GJ2SA1162	J	2SA1162	AD
Q4010	9GJ2SA1162	J	2SA1162	AD
Q4007	9GJ2SC2712	J	2SC2712	AC
Q4009	9GJ2SC2712	J	2SC2712	AC
Q4013	9GJ2SC2712	J	2SC2712	AC
Q4017	9GJ2SC2712	J	2SC2712	AC
Q4018	9GJ2SC2712	J	2SC2712	AC
Q4012	9GJDTC124EK	J	DTC124EK	AD
Q4016	9GJDTC124EK	J	DTC124EK	AD
Q4019	9GJDTC124EK	J	DTC124EK	AD
Q4020	9GJDTC124EK	J	DTC124EK	AD
Q4021	9GJDTC124EK	J	DTC124EK	AD
Q4022	9GJDTC124EK	J	DTC124EK	AD
Q4014	9GJHN1A01FU	J	HN1A01FU	AL
Q4008	9GJHN1B04FU	J	HN1B04FU	AD
Q4001	9GJHN1C01FU	J	HN1C01FU	AL
Q4002	9GJHN1C01FU	J	HN1C01FU	AL
Q4005	9GJHN1C01FU	J	HN1C01FU	AL
Q4006	9GJHN1C01FU	J	HN1C01FU	AL
Q4011	9GJRN2902	J	RN2902	AL
Q4015	9GJRN2902	J	RN2902	AL

DIODES

D4007	9GJ1SS184	J	Diode	AD
D4008	9GJ1SS184	J	Diode	AD
D4002	9GJ1SS355	J	Diode	AD
D4003	9GJ1SS355	J	Diode	AD
D4004	9GJ1SS355	J	Diode	AD
D4005	9GJ1SS355	J	Diode	AD
D4006	9GJ1SS355	J	Diode	AD

CAPACITORS

C4023	9GJCCSRCH102J5	J	1000p	50V	Ceramic	AD
C4036	9GJCCSRCH102J5	J	1000p	50V	Ceramic	AD
C4037	9GJCCSRCH102J5	J	1000p	50V	Ceramic	AD
C4025	9GJCCSRCH220J5	J	22p	50V	Ceramic	AD
C4032	9GJCCSRCH220J5	J	22p	50V	Ceramic	AD
C4029	9GJCCSRCH471J5	J	470	50V	Ceramic	AD
C4030	9GJCCSRCH471J5	J	470	50V	Ceramic	AD
C4053	9GJCCSRCH471J5	J	470	50V	Ceramic	AD
C4054	9GJCCSRCH471J5	J	470	50V	Ceramic	AD
C4001	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4004	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4005	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4008	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4010	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4012	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4013	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4016	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4041	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4042	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4034	9GJCKSRYB105K6	J	1	6.3V	Ceramic	AL

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MR INTERFACE ASSY (Continued)

Mark	Ref. No.	Part No.	★			Description	Code
	C4038	9GJCKSRYB105K6	J	1	6.3V	Ceramic	AL
	C4050	9GJCKSRYB105K6	J	1	6.3V	Ceramic	AL
	C4056	9GJCKSRYB105K6	J	1	6.3V	Ceramic	AL
	C4043	9GJCKSRYB474K1	J	0.47	10V	Ceramic	AL
	C4027	9GJCKSRYF103Z5	J	0.01	50V	Ceramic	AD
	C4028	9GJCKSRYF103Z5	J	0.01	50V	Ceramic	AD
	C4033	9GJCKSRYF103Z5	J	0.01	50V	Ceramic	AD
	C4051	9GJCKSRYF103Z5	J	0.01	50V	Ceramic	AD
	C4002	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4003	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4006	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4007	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4014	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4015	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4017	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4018	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4019	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4024	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4026	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4031	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4035	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4039	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4040	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4044	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4045	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4046	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4047	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4049	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4052	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4055	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

	R4019	9GJRAB4C101J	J			Resistor Array	AB
	R4035	9GJRAB4C101J	J			Resistor Array	AB
	R4054	9GJRAB4C101J	J			Resistor Array	AB
	R4066	9GJRAB4C101J	J			Resistor Array	AB
	R4056	9GJRAB4C471J	J			Resistor Array	AL
	R4007	9GJRS1/16S1001	J	1k	1/16W	Chip	AL
	R4014	9GJRS1/16S1001	J	1k	1/16W	Chip	AL
	R4015	9GJRS1/16S1001	J	1k	1/16W	Chip	AL
	R4117	9GJRS1/16S1001	J	1k	1/16W	Chip	AL
	R4106	9GJRS1/16S102F	J	10k	1/16W	Chip	AC
	R4107	9GJRS1/16S1502	J	15k	1/16W	Chip	AL
	R4098	9GJRS1/16S2201	J	2.2k	1/16W	Chip	AC
	R4078	9GJRS1/16S2202	J	22k	1/16W	Chip	
	R4074	9GJRS1/16S3301	J	3.3k	1/16W	Chip	AC
	R4094	9GJRS1/16S3301	J	3.3k	1/16W	Chip	AC
	R4075	9GJRS1/16S4701	J	4.7k	1/16W	Chip	AL
	R4057	9GJRS1/16S5601	J	5.6k	1/16W	Chip	AL
	R4124	9GJRS1/16S5602	J	56k	1/16W	Chip	AL
	R4004	9GJRS1/16S8200	J	820	1/16W	Chip	AL
	R4005	9GJRS1/16S8200	J	820	1/16W	Chip	AL
	R4115	9GJRS1/16S8200	J	820	1/16W	Chip	AL
	R4116	9GJRS1/16S8200	J	820	1/16W	Chip	AL
	R4093	9GJRS1/16S8201	J	8.2k	1/16W	Chip	AL
	R4006	9GJRS2MMF2R2J	J	2.2	2W	Metal Oxide	AL
	R4041	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4050	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4061	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4071	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4081	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4082	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4083	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4090	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4092	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4101	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4114	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4125	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4135	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4136	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4137	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4138	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4144	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4091	9GJRS1/16S100J	J	10	1/16W	Chip	AC
	R4001	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4024	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4025	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4043	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4059	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4067	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4069	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4070	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4080	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4084	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4085	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4086	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4096	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4103	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4104	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4108	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4113	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4118	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4119	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4120	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4121	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4141	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4142	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4148	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4158	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4016	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R4036	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R4051	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R4060	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R4073	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R4088	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R4100	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R4102	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R4077	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R4087	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R4126	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R4127	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R4149	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R4052	9GJRS1/16S104J	J	100k	1/16W	Chip	AC
	R4055	9GJRS1/16S104J	J	100k	1/16W	Chip	AC
	R4109	9GJRS1/16S104J	J	100k	1/16W	Chip	AC
	R4132	9GJRS1/16S104J	J	100k	1/16W	Chip	AC
	R4089	9GJRS1/16S105J	J	1M	1/16W	Chip	AC
	R4139	9GJRS1/16S153J	J	15k	1/16W	Chip	AC
	R4140	9GJRS1/16S153J	J	15k	1/16W	Chip	AC
	R4026	9GJRS1/16S220J	J	22	1/16W	Chip	AC
	R4027	9GJRS1/16S220J	J	22	1/16W	Chip	AC
	R4028	9GJRS1/16S220J	J	22	1/16W	Chip	AC
	R4029	9GJRS1/16S220J	J	22	1/16W	Chip	AC
	R4048	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
	R4122	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
	R4143	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
	R4008	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4009	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4010	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4011	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4012	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4013	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4017	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4030	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4031	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4044	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4046	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4047	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4049	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4105	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4110	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4111	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4112	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4133	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4134	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4146	9GJRS1/16S223J	J	22k	1/16W	Chip	AC

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MR INTERFACE ASSY (Continued)

Mark	Ref. No.	Part No.	★	Description	Code
	R4147	9GJRS1/16S223J	J	22k 1/16W Chip	AC
	R4150	9GJRS1/16S223J	J	22k 1/16W Chip	AC
	R4128	9GJRS1/16S224J	J	220k 1/16W Chip	AC
	R4129	9GJRS1/16S224J	J	220k 1/16W Chip	AC
	R4130	9GJRS1/16S224J	J	220k 1/16W Chip	AC
	R4131	9GJRS1/16S224J	J	220k 1/16W Chip	AC
	R4157	9GJRS1/16S332J	J	3.3k 1/16W Chip	AC
	R4076	9GJRS1/16S333J	J	33k 1/16W Chip	AC
	R4095	9GJRS1/16S333J	J	33k 1/16W Chip	AC
	R4097	9GJRS1/16S391J	J	390 1/16W Chip	AC
	R4099	9GJRS1/16S391J	J	390 1/16W Chip	AC
	R4123	9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
	R4145	9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
	R4151	9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
	R4152	9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
	R4153	9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
	R4154	9GJRS1/16S472J	J	4.7k 1/16W Chip	AC
	R4065	9GJRS1/16S683J	J	68k 1/16W Chip	AC

SWITCHES

	S4001	9GJASH1010	J		AL
	S4004	9GJASH1010	J		AL

MISCELLANEOUS PARTS

	CN4004	9GJAKM1180	J	Connector, 50-pin	AN
	CN4005	9GJAKM1180	J	Connector, 50-pin	AN
	CN4002	9GJAKP1194	J	Socket, 20-pin	
	CN4003	9GJAKP1216	J	DVI Socket, 24-pin	
	CN4006	9GJB3B-PH-SM3	J	PH Connector, 3-pin	AF
	CN4009	9GJB3B-PH-SM3	J	PH Connector, 3-pin	AF
	CN4007	9GJB7B-PH-SM3	J	PH Connector, 7-pin	AG
	CN4008	9GJCKS3130	J	Plug, 8-pin	AL

[TMDS RECEIVER BLOCK] INTEGRATED CIRCUITS

	IC4201	9GJ24LC01B	J	24LC01B	AK
	IC4203	9GJ24LC128(I)SN	J	24LC128(I)SN	
	IC4205	9GJPST9228N	J	PST9228N	AL

Note: When exchanging the following parts, it becomes unit replacement correspondence.

	IC4202	*Not Available*	–	24LC32A	—
	IC4204	*Not Available*	–	SII861CM208	—

TRANSISOTRS

	Q4209	9GJ2SA1162	J	2SA1162	AD
	Q4212	9GJ2SA1162	J	2SA1162	AD
	Q4205	9GJDTA124EK	J	DTA124EK	AD
	Q4206	9GJDTA124EK	J	DTA124EK	AD
	Q4213	9GJDTA124EK	J	DTA124EK	AD
	Q4203	9GJDTC124EK	J	DTC124EK	AD
	Q4204	9GJDTC124EK	J	DTC124EK	AD
	Q4207	9GJDTC124EK	J	DTC124EK	AD
	Q4208	9GJDTC124EK	J	DTC124EK	AD
	Q4210	9GJDTC124EK	J	DTC124EK	AD
	Q4211	9GJDTC124EK	J	DTC124EK	AD
	Q4214	9GJDTC124EK	J	DTC124EK	AD
	Q4201	9GJHN1C01FU	J	HN1C01FU	AL
	Q4202	9GJHN1C01FU	J	HN1C01FU	AL

DIODES

	D4201	9GJ1SS184	J	Diode	AD
	D4203	9GJ1SS226	J	Diode	AD
	D4204	9GJ1SS226	J	Diode	AD
	D4205	9GJ1SS355	J	Diode	AD
	D4206	9GJ1SS355	J	Diode	AD
	D4207	9GJ1SS355	J	Diode	AD
	D4208	9GJ1SS355	J	Diode	AD
	D4209	9GJ1SS355	J	Diode	AD
	D4202	9GJRD6.8MB	J	Zener Diode	AD

PACKAGED CIRCUIT

	X4201	9GJASS1163	J	Crystal Resonator (16.000MHz)	AW

FILTERS

	F4201	9GJATF1194	J	EMI Filter	AL
	F4203	9GJATF1194	J	EMI Filter	AL
	F4204	9GJATF1194	J	EMI Filter	AL
	F4205	9GJATF1194	J	EMI Filter	AL

CAPACITORS

	C4208	9GJCCSRCH331J5	J	330p	50V	Ceramic (Chip)	AD
	C4210	9GJCCSRCH331J5	J	330p	50V	Ceramic (Chip)	AD
	C4215	9GJCCSRCH331J5	J	330p	50V	Ceramic (Chip)	AD
	C4222	9GJCCSRCH331J5	J	330p	50V	Ceramic (Chip)	AD
	C4230	9GJCCSRCH331J5	J	330p	50V	Ceramic (Chip)	AD
	C4255	9GJCCSRCH331J5	J	330p	50V	Ceramic (Chip)	AD
	C4257	9GJCCSRCH331J5	J	330p	50V	Ceramic (Chip)	AD
	C4262	9GJCCSRCH471J5	J	470p	50V	Ceramic (Chip)	AD
	C4206	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4207	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4212	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4214	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4217	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4219	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4220	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4224	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4227	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4229	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4231	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4232	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4233	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4236	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4241	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4244	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4248	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4253	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4254	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4258	9GJCCSRCH820J5	J	82p	50V	Ceramic (Chip)	AD
	C4239	9GJCEAT101M10	J	100	10V	Electrolytic	AD
	C4242	9GJCEAT101M10	J	100	10V	Electrolytic	AD
	C4246	9GJCEAT101M10	J	100	10V	Electrolytic	AD
	C4250	9GJCEAT101M10	J	100	10V	Electrolytic	AD
	C4202	9GJCEAT470M10	J	47p	10V	Electrolytic	AL
	C4237	9GJCEAT470M10	J	47p	10V	Electrolytic	AL
	C4238	9GJCEAT470M10	J	47p	10V	Electrolytic	AL
	C4264	9GJCKSRYB103K5	J	0.01	50V	Ceramic	AD
	C4265	9GJCKSRYB105K6	J	1	6.3V	Ceramic	AL
	C4260	9GJCKSRYB472K5	J	4700p	50V	Ceramic	AD
	C4263	9GJCKSRYB474K1	J	0.47	10V	Ceramic	AL
	C4201	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4203	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4204	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4205	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4209	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4211	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4213	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4216	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4218	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4221	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4225	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4234	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4235	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4240	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4243	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4245	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4247	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4251	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4252	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4256	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4259	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4261	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4223	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
	C4226	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
	C4228	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD

Mark	Ref. No.	Part No.	★	Description	Code

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MR INTERFACE ASSY (Continued)

C4249	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
C4266	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
C4267	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
C4268	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
C4269	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
C4270	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD

RESISTORS

R4213	9GJRAB4C181J	J			Resistor Array	AL
R4214	9GJRAB4C181J	J			Resistor Array	AL
R4215	9GJRAB4C181J	J			Resistor Array	AL
R4216	9GJRAB4C181J	J			Resistor Array	AL
R4217	9GJRAB4C181J	J			Resistor Array	AL
R4245	9GJRAB4C181J	J			Resistor Array	AL
R4247	9GJRAB4C181J	J			Resistor Array	AL
R4253	9GJRAB4C181J	J			Resistor Array	AL
R4254	9GJRAB4C181J	J			Resistor Array	AL
R4255	9GJRAB4C181J	J			Resistor Array	AL
R4241	9GJRAB4C680J	J			Resistor Array	AL
R4250	9GJRS1/16S5100	J	510	1/16W	Chip	AL
R4227	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R4244	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R4251	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R4260	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R4270	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R4276	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
R4209	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4210	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4219	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4220	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4223	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4224	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4228	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4229	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4235	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4236	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4237	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4238	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4263	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4272	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4275	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4226	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R4252	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R4222	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R4242	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R4218	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4225	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4231	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4232	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4239	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4248	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4249	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4257	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4258	9GJRS1/16S181J	J	180	1/16W	Chip	AC
R4233	9GJRS1/16S220J	J	22	1/16W	Chip	AC
R4246	9GJRS1/16S220J	J	22	1/16W	Chip	AC
R4277	9GJRS1/16S222J	J	2.2k	1/16W	Chip	AC
R4201	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4203	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4204	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4205	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4206	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4207	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4208	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4230	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4259	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4266	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4267	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4269	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4271	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4274	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4261	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
R4262	9GJRS1/16S224J	J	220k	1/16W	Chip	AC
R4211	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4212	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4243	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4256	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4268	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4273	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
R4202	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R4221	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R4264	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC
R4265	9GJRS1/16S682J	J	6.8k	1/16W	Chip	AC

[AUDIO BLOCK] TRANSISOTRS

Q4403	9GJ2SA1162	J	2SA1162		AD
Q4401	9GJ2SC2712	J	2SC2712		AC
Q4402	9GJ2SC2712	J	2SC2712		AC

DIODES

D4401	9GJ1SS355	J	Diode		AD
D4402	9GJ1SS355	J	Diode		AD
D4403	9GJ1SS355	J	Diode		AD
D4404	9GJ1SS355	J	Diode		AD

CAPACITORS

C4408	9GJCEANP100M50	J	10	50V	Electrolytic	
C4417	9GJCEANP100M50	J	10	50V	Electrolytic	
C4403	9GJCEAT101M10	J	100	10V	Electrolytic	AD
C4407	9GJCEAT101M25	J	100	25V	Electrolytic	AL
C4402	9GJCEAT220M50	J	22	50V	Electrolytic	AL
C4425	9GJCEAT470M25	J	47	25V	Electrolytic	AC
C4426	9GJCEAT470M25	J	47	25V	Electrolytic	AC
C4410	9GJCKSRYF104Z1	J	0.1	16V	Electrolytic	AD

RESISTORS

R4412	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4427	9GJRS1/16S101J	J	100	1/16W	Chip	AC
R4407	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
R4402	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R4403	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
R4411	9GJRS1/16S152J	J	1.5k	1/16W	Chip	AC
R4426	9GJRS1/16S152J	J	1.5k	1/16W	Chip	AC
R4440	9GJRS1/16S152J	J	1.5k	1/16W	Chip	AC
R4441	9GJRS1/16S152J	J	1.5k	1/16W	Chip	AC
R4405	9GJRS1/16S154J	J	150k	1/16W	Chip	AC
R4406	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
R4410	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R4425	9GJRS1/16S470J	J	47	1/16W	Chip	AC
R4413	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R4415	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R4428	9GJRS1/16S473J	J	47k	1/16W	Chip	AC
R4434	9GJRS1/16S473J	J	47k	1/16W	Chip	AC

MISCELLANEOUS PARTS

CN4403	9GJB7B-PH-SM3	J	PH Connector, 7-pin	AG
CN4404	9GJB8B-PH-SM3	J	PH Connector, 8-pin	AG

Mark	Ref. No.	Part No.	★	Description	Code

9GJAWZ6655
LED ASSY

DIODE

	D4751	9GJAEL1170	J	Diode (Red/Green)	AF

MISCELLANEOUS PARTS

	CN4751	9GJS3B-PH-SM3	J	PH Connector, 3-pin	AF

9GJAWZ6656
FRONT KEY ASSY

CAPACITORS

	C4801	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD
	C4802	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD
	C4803	9GJCKSRYF104Z1	J	0.1	16V	Ceramic (Chip)	AD

RESISTORS

	R4803	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R4806	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R4801	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R4802	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R4804	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC
	R4805	9GJRS1/16S472J	J	4.7k	1/16W	Chip	AC

SWITCHES

	S4801	9GJCKSRYF104Z1	J		AL
	S4802	9GJCKSRYF104Z1	J		AL
	S4803	9GJCKSRYF104Z1	J		AL
	S4804	9GJCKSRYF104Z1	J		AL
	S4805	9GJCKSRYF104Z1	J		AL
	S4806	9GJCKSRYF104Z1	J		AL

MISCELLANEOUS PARTS

	CN4801	9GJAKM1208	J	FFC Connector, 6-pin	AL

9GJAWZ6657
FRONT KEY CONN ASSY

DIODES

	D4851	9GJ1SS226	J	Diode	AD
	D4852	9GJ1SS226	J	Diode	AD

MISCELLANEOUS PARTS

	CN4851	9GJAKM1208	J	FFC Connector, 6-pin	AL
	CN4852	9GJB4B-PH-SM3	J	PH Connector, 4-pin	AN

9GJAWZ6659
IR RECEIVE (P) ASSY

TRANSISOTRS

	Q4901	9GJ2SC2712	J	2SC2712	AC

DIODE

	D4901	9GJ1SS355	J	Diode	AD

CAPACITORS

	C4901	9GJCEV470M6R3	J	4.7	6.3V	Electrolytic	AD
	C4902	9GJCKSRYB103K5	J	0.01	50V	Ceramic	AD
	C4903	9GJCKSRYB472K5	J	4700p	50V	Ceramic	AD
	C4904	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD

RESISTORS

	R4954	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4955	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4956	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4953	9GJRS1/16S103J	J	10k	1/16W	Chip	AC
	R4951	9GJRS1/16S223J	J	22k	1/16W	Chip	AC
	R4952	9GJRS1/16S223J	J	22k	1/16W	Chip	AC

MISCELLANEOUS PARTS

	CN4951	9GJKM200NA3	J	Plug, 3-pin	AC
	4901	9GJGP1UM26RK	J	R/C Receiver unit	

9GJAWZ6660
SENSOR ASSY

INTEGRATED CIRCUITS

	IC4702	9GJLM50CIM3	J	LM50CIM3	AN
	IC4701	9GJM5223AFP	J	M5223AFP	AG

CAPACITORS

	C4705	9GJCEV470M6R3	J	47	6.3V	Electrolytic	AD
	C4704	9GJCKSRYB103K5	J	0.01	50V	Ceramic	AD
	C4701	9GJCKSRYF104Z1	J	0.1	16V	Ceramic	AD
	C4702	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD
	C4703	9GJCKSRYF105Z1	J	1	10V	Ceramic	AD

RESISTORS

	R4706	9GJRS1/16S3001	J	3k	1/16W	Chip	AL
	R4708	9GJRS1/16S3001	J	3k	1/16W	Chip	AL
	R4710	9GJRS1/16S0R0J	J	0	1/16W	Chip	AC
	R4707	9GJRS1/16S101J	J	100	1/16W	Chip	AC
	R4705	9GJRS1/16S102J	J	1k	1/16W	Chip	AC
	R4702	9GJRS1/16S473J	J	47k	1/16W	Chip	AC

9GJAWZ6687
AUDIO AMP ASSY

INTEGRATED CIRCUITS

	IC5202	9GJCXA2021S	J	CXA2021S	BF
	IC5002	9GJLA4628	J	LA4628	AY
	IC5201	9GJNJM2193L	J	NJM2193L	AZ
	IC5001	9GJPQ12RD1B	J	PQ12RD1B	

TRANSISOTRS

	Q5002	9GJ2SA1048	J	2SA1048	AL
	Q5005	9GJ2SA1048	J	2SA1048	AL
	Q5009	9GJ2SC2458	J	2SC2458	AL
	Q5012	9GJ2SC2458	J	2SC2458	AL
	Q5013	9GJ2SC2458	J	2SC2458	AL

COIL

	L5001	9GJATX1037	J	Ferrite Core	AR

CAPACITORS

	C5203	9GJCCCCH221J50	J	220p	50V	Ceramic	AL
	C5227	9GJCCCCH221J50	J	220p	50V	Ceramic	AL
	C5213	9GJCEHANP220M2	J	22	25V	Electrolytic	AL
	C5226	9GJCEHANP220M2	J	22	25V	Electrolytic	AL
	C5232	9GJCEHAT100M50	J	10	50V	Electrolytic	AC
	C5233	9GJCEHAT100M50	J	10	50V	Electrolytic	AC
	C5235	9GJCEHAT100M50	J	10	50V	Electrolytic	AC
	C5015	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C5029	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C5033	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C5201	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C5206	9GJCEHAT101M25	J	100	25V	Electrolytic	AD
	C5242	9GJCEHAT221M25	J	220	25V	Electrolytic	AE
	C5032	9GJCEHAT2R2M50	J	2.2	50V	Electrolytic	AL
	C5034	9GJCEHAT2R2M50	J	2.2	50V	Electrolytic	AL
	C5044	9GJCEHAT330M25	J	33	25V	Electrolytic	AL
	C5050	9GJCEHAT330M25	J	33	25V	Electrolytic	AL

Mark	Ref. No.	Part No.	★	Description	Code

9GJAWZ6687
AUDIO AMP ASSY (Continued)

C5051	9GJCEHAT330M25	J	33	25V	Electrolytic	AL
C5005	9GJCEHAT331M16	J	330	16V	Electrolytic	AL
C5238	9GJCEHAT470M16	J	47	16V	Electrolytic	AL
C5002	9GJCEHAT471M16	J	470	16V	Electrolytic	AE
C5013	9GJCEHAT472M25	J	4.7k	25V	Electrolytic	AN
C5208	9GJCEHAT4R7M50	J	4.7	50V	Electrolytic	AC
C5211	9GJCEHAT4R7M50	J	4.7	50V	Electrolytic	AC
C5212	9GJCEHAT4R7M50	J	4.7	50V	Electrolytic	AC
C5218	9GJCEHAT4R7M50	J	4.7	50V	Electrolytic	AC
C5222	9GJCEHAT4R7M50	J	4.7	50V	Electrolytic	AC
C5223	9GJCEHAT4R7M50	J	4.7	50V	Electrolytic	AC
C5234	9GJCEHAT4R7M50	J	4.7	50V	Electrolytic	AC
C5045	9GJCEHATR47M50	J	0.47	50V	Electrolytic	AL
C5014	9GJCFTLA103J50	J	0.01	50V	Ceramic	AL
C5204	9GJCFTLA103J50	J	0.01	50V	Ceramic	AL
C5217	9GJCFTLA103J50	J	0.01	50V	Ceramic	AL
C5220	9GJCFTLA103J50	J	0.01	50V	Ceramic	AL
C5228	9GJCFTLA103J50	J	0.01	50V	Ceramic	AL
C5237	9GJCFTLA103J50	J	0.01	50V	Ceramic	AL
C5035	9GJCFTLA104J50	J	0.1	50V	Ceramic	AL
C5046	9GJCFTLA104J50	J	0.1	50V	Ceramic	AL
C5053	9GJCFTLA104J50	J	0.1	50V	Ceramic	AL
C5056	9GJCFTLA104J50	J	0.1	50V	Ceramic	AL
C5216	9GJCFTLA104J50	J	0.1	50V	Ceramic	AL
C5221	9GJCFTLA104J50	J	0.1	50V	Ceramic	AL
C5239	9GJCFTLA104J50	J	0.1	50V	Ceramic	AL
C5214	9GJCFTLA224J50	J	0.22	50V	Ceramic	AL
C5230	9GJCFTLA224J50	J	0.22	50V	Ceramic	AL
C5225	9GJCFTLA333J50	J	0.033	50V	Ceramic	AL
C5219	9GJCFTLA473J50	J	0.047	50V	Ceramic	AL
C5236	9GJCFTLA473J50	J	0.047	50V	Ceramic	AL
C5003	9GJCKCYB103K50	J	0.01	50V	Ceramic	AL
C5006	9GJCKCYB103K50	J	0.01	50V	Ceramic	AL
C5016	9GJCKCYB103K50	J	0.01	50V	Ceramic	AL
C5042	9GJCKCYB103K50	J	0.01	50V	Ceramic	AL
C5207	9GJCKCYB103K50	J	0.01	50V	Ceramic	AL
C5210	9GJCKCYB103K50	J	0.01	50V	Ceramic	AL
C5043	9GJCQMA122J50	J	1200p	50V	Ceramic	AL
C5052	9GJCQMA122J50	J	1200p	50V	Ceramic	AL
C5205	9GJCQMA122J50	J	1200p	50V	Ceramic	AL
C5229	9GJCQMA122J50	J	1200p	50V	Ceramic	AL
C5224	9GJCQMA222J50	J	2200p	50V	Ceramic	AC
C5215	9GJCQMA392J50	J	3900p	50V	Ceramic	AL
C5231	9GJCQMA392J50	J	3900p	50V	Ceramic	AL

RESISTORS

R5053	9GJRD1/2MMF2R2J	J	2.2	1/2W	Carbon Film	AL
R5054	9GJRD1/2MMF2R2J	J	2.2	1/2W	Carbon Film	AL
R5075	9GJRD1/2MMF2R2J	J	2.2	1/2W	Carbon Film	AL
R5076	9GJRD1/2MMF2R2J	J	2.2	1/2W	Carbon Film	AL
R5001	9GJRD1/2MMF3R9J	J	3.9	1/2W	Carbon Film	AC
R5006	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5031	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5032	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5034	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5040	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5041	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5061	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5063	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5078	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5213	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5214	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5229	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5230	9GJRD1/4PU101J	J	100	1/4W	Carbon Film	AL
R5027	9GJRD1/4PU103J	J	10k	1/4W	Carbon Film	AL
R5051	9GJRD1/4PU103J	J	10k	1/4W	Carbon Film	AL
R5068	9GJRD1/4PU103J	J	10k	1/4W	Carbon Film	AL
R5228	9GJRD1/4PU105J	J	1M	1/4W	Carbon Film	AL
R5206	9GJRD1/4PU123J	J	12k	1/4W	Carbon Film	AL
R5221	9GJRD1/4PU123J	J	12k	1/4W	Carbon Film	AL
R5217	9GJRD1/4PU183J	J	18k	1/4W	Carbon Film	AL
R5216	9GJRD1/4PU222J	J	2.2k	1/4W	Carbon Film	AL
R5017	9GJRD1/4PU222J	J	2.2k	1/4W	Carbon Film	AL
R5045	9GJRD1/4PU222J	J	2.2k	1/4W	Carbon Film	AL
R5049	9GJRD1/4PU222J	J	2.2k	1/4W	Carbon Film	AL
R5052	9GJRD1/4PU222J	J	2.2k	1/4W	Carbon Film	AL
R5065	9GJRD1/4PU222J	J	2.2k	1/4W	Carbon Film	AL
R5069	9GJRD1/4PU222J	J	2.2k	1/4W	Carbon Film	AL
R5205	9GJRD1/4PU224J	J	220k	1/4W	Carbon Film	AL
R5220	9GJRD1/4PU224J	J	220k	1/4W	Carbon Film	AL
R5207	9GJRD1/4PU243J	J	24k	1/4W	Carbon Film	
R5211	9GJRD1/4PU243J	J	24k	1/4W	Carbon Film	
R5222	9GJRD1/4PU243J	J	24k	1/4W	Carbon Film	
R5223	9GJRD1/4PU243J	J	24k	1/4W	Carbon Film	
R5208	9GJRD1/4PU391J	J	390	1/4W	Carbon Film	
R5225	9GJRD1/4PU391J	J	390	1/4W	Carbon Film	
R5226	9GJRD1/4PU392J	J	3.9k	1/4W	Carbon Film	
R5038	9GJRD1/4PU472J	J	4.7k	1/4W	Carbon Film	AL
R5066	9GJRD1/4PU472J	J	4.7k	1/4W	Carbon Film	AL
R5210	9GJRD1/4PU473J	J	47k	1/4W	Carbon Film	AL
R5218	9GJRD1/4PU473J	J	47k	1/4W	Carbon Film	AL
R5209	9GJRD1/4PU563J	J	56k	1/4W	Carbon Film	
R5219	9GJRD1/4PU563J	J	56k	1/4W	Carbon Film	
R5212	9GJRD1/4PU621J	J	620	1/4W	Carbon Film	
R5224	9GJRD1/4PU621J	J	620	1/4W	Carbon Film	
R5227	9GJRD1/4PU622J	J	6.2k	1/4W	Carbon Film	

MISCELLANEOUS PARTS

J5003	9GJADX2729	J	Housing Wire, 6-pin	AN
J5002	9GJADX2731	J	Housing Wire, 8-pin	AN
KN5001	9GJANK-142	J	Ground Plate	AC
5001	9GJVBB30P100FN	J	Screw	AD
5002	9GJVBB30P100FN	J	Screw	AD
5004	9GJVBB30P100FN	J	Screw	AD
5005	9GJVBB30P100FN	J	Screw	AD
5006	9GJAEC1818	J	Holder	AF

9GJAWZ6688
SP TERMINAL ASSY

FILTERS

⚠	L5301	9GJATF1206	J	Line Filter		AL
⚠	L5352	9GJATF1206	J	Line Filter		AL

CAPACITORS

⚠	C5301	9GJCCCCH221J50	J	220p	50V	Ceramic	AL
⚠	C5305	9GJCCCCH221J50	J	220p	50V	Ceramic	AL
⚠	C5351	9GJCCCCH221J50	J	220p	50V	Ceramic	AL
⚠	C5355	9GJCCCCH221J50	J	220p	50V	Ceramic	AL
⚠	C5302	9GJCKCYB332K50	J	3300p	50V	Ceramic	AL
⚠	C5352	9GJCKCYB332K50	J	3300p	50V	Ceramic	AL
⚠	C5303	9GJCKCYF473Z50	J	0.047	50V	Ceramic	AL
⚠	C5353	9GJCKCYF473Z50	J	0.047	50V	Ceramic	AL

RESISTORS

⚠	R5301	9GJRD1/2MMF100	J	10	1/2W	Metal Oxide	AC
⚠	R5302	9GJRD1/2MMF100	J	10	1/2W	Metal Oxide	AC
⚠	R5351	9GJRD1/2MMF100	J	10	1/2W	Metal Oxide	AC
⚠	R5352	9GJRD1/2MMF100	J	10	1/2W	Metal Oxide	AC

OTHERS

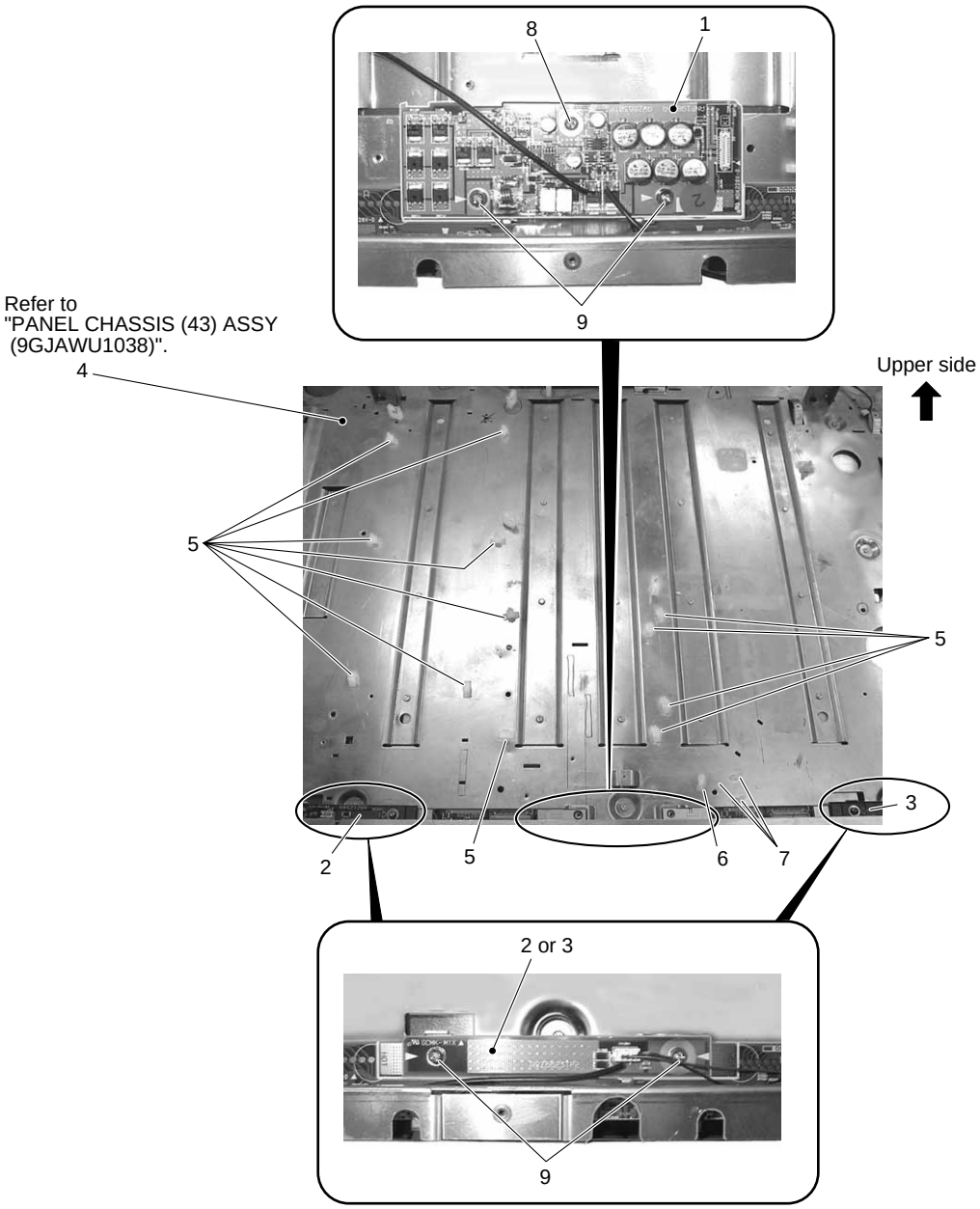
CN5301	9GJAKE1058	J	Speaker Terminal, 4-pin	AN

Mark	Ref. No.	Part No.	★	Description	Code

UNDER LAYER SECTION (1) PARTS LIST

	1	9GJAWZ6682	J	ADR RESONANCE Assy	
	2	9GJAWZ6676	J	BRIDGE C Assy	
	3	9GJAWZ6677	J	BRIDGE D Assy	
	4	9GJAWU1038	J	Panel Chassis (43) Assy	
		[Refer to "PANEL CHASSIS (43) ASSY".]			
	5	9GJAEC1872	J	Circuit Board Spacer	AE
	6	9GJAEC1253	J	PWB Spacer	
	7	9GJAEC1873	J	Circuit Board Spacer	AD
	8	9GJVBB30P100FN	J	Screw	AD
	9	9GJABA1301	J	Screw	AG

UNDER LAYER SECTION (1)

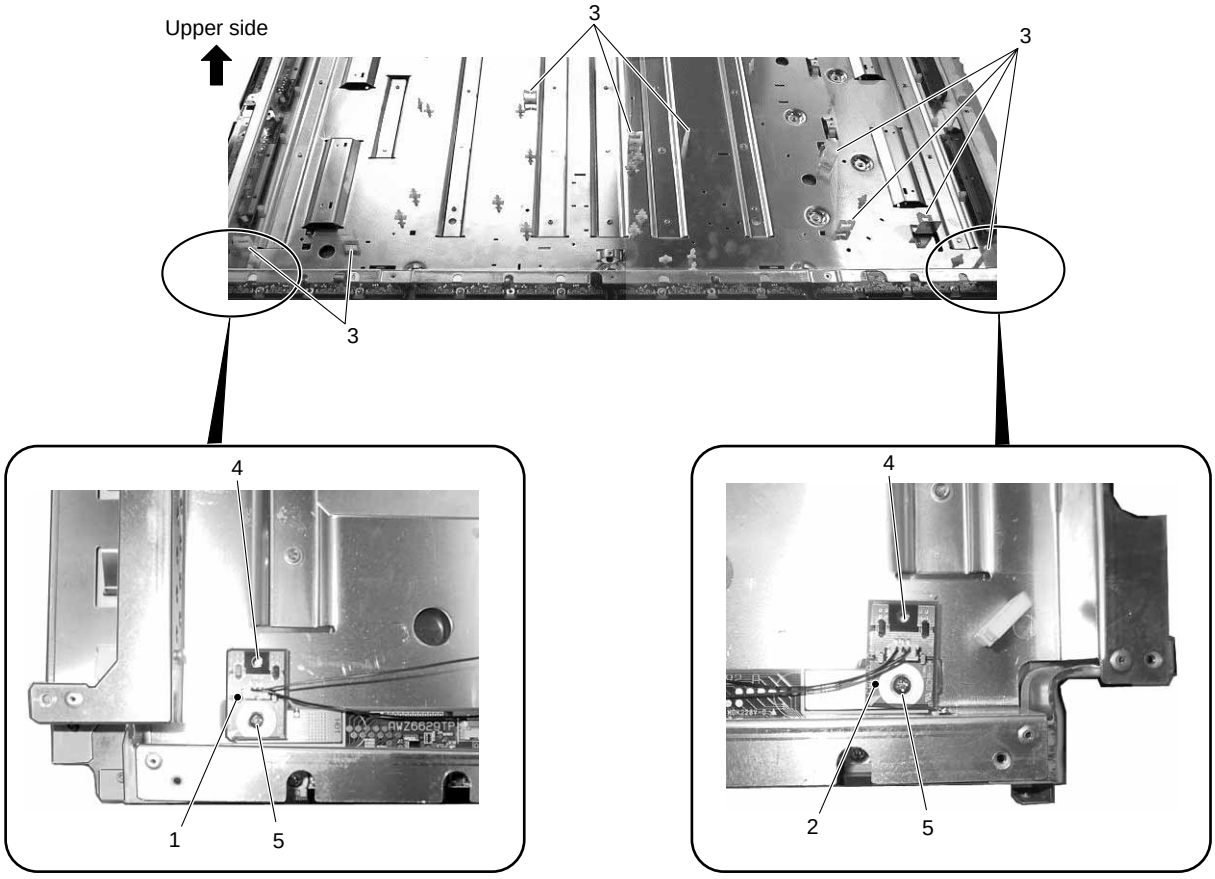


Mark	Ref. No.	Part No.	★	Description	Code

UNDER LAYER SECTION (2) PARTS LIST

1	9GJAWZ6668	J	CLAMP A Assy	
2	9GJAWZ6669	J	CLAMP B Assy	
3	9GJAEC1904	J	Wire Saddle	AL
4	9GJAEC1736	J	Locking Card Spacer	AE
5	9GJABA1301	J	Screw	AG

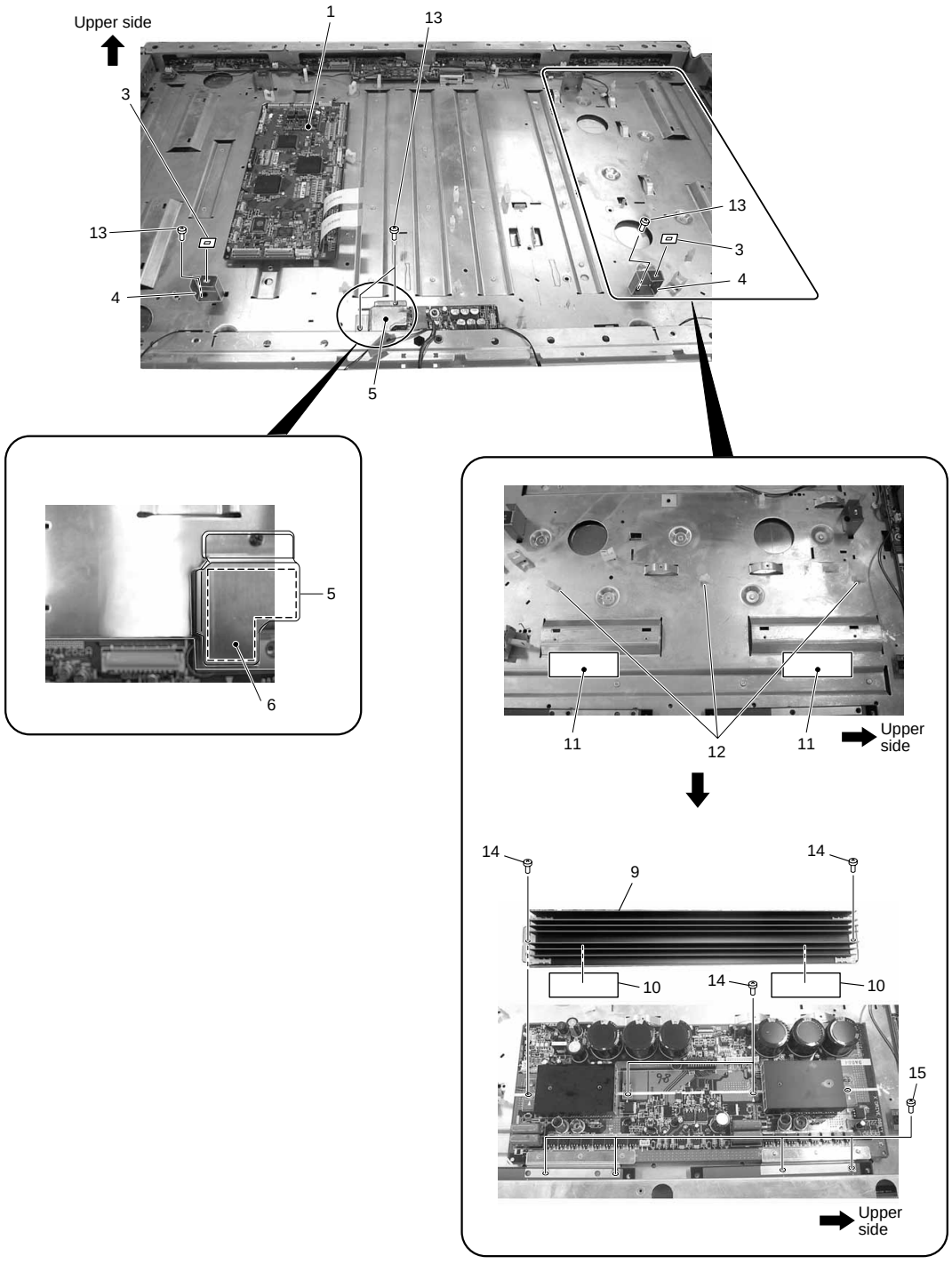
UNDER LAYER SECTION (2)



UNDER LAYER SECTION (3) PARTS LIST

Mark	Ref. No.	Part No.	★	Description	Code
	1	9GJAWV1929	J	DIGITAL VIDEO Assy	
	2	9GJAWV1930	J	X DRIVE Assy	
	3	9GJAMR3263	J	Insulation Sheet	AL
	4	9GJANG2464	J	Metal Fitting	
	5	9GJANH1594	J	Heat Sink	
	6	9GJAEH1039	J	Silicone Sheet	AL
	7	—			
	8	—			
	9	9GJANH1598	J	Drive Heatsink Assy	
	10	9GJAEH1041	J	Drive Silicone Sheet	AN
	11	9GJAEH1048	J	Coil Silicone Sheet	AX
	12	9GJAEC1872	J	Circuit Board Spacer	AE
	13	9GJABZ30P060FM	J	Screw	AD
	14	9GJVBB30P100FN	J	Screw	AD
	15	9GJPMB30P060FN	J	Screw	AD

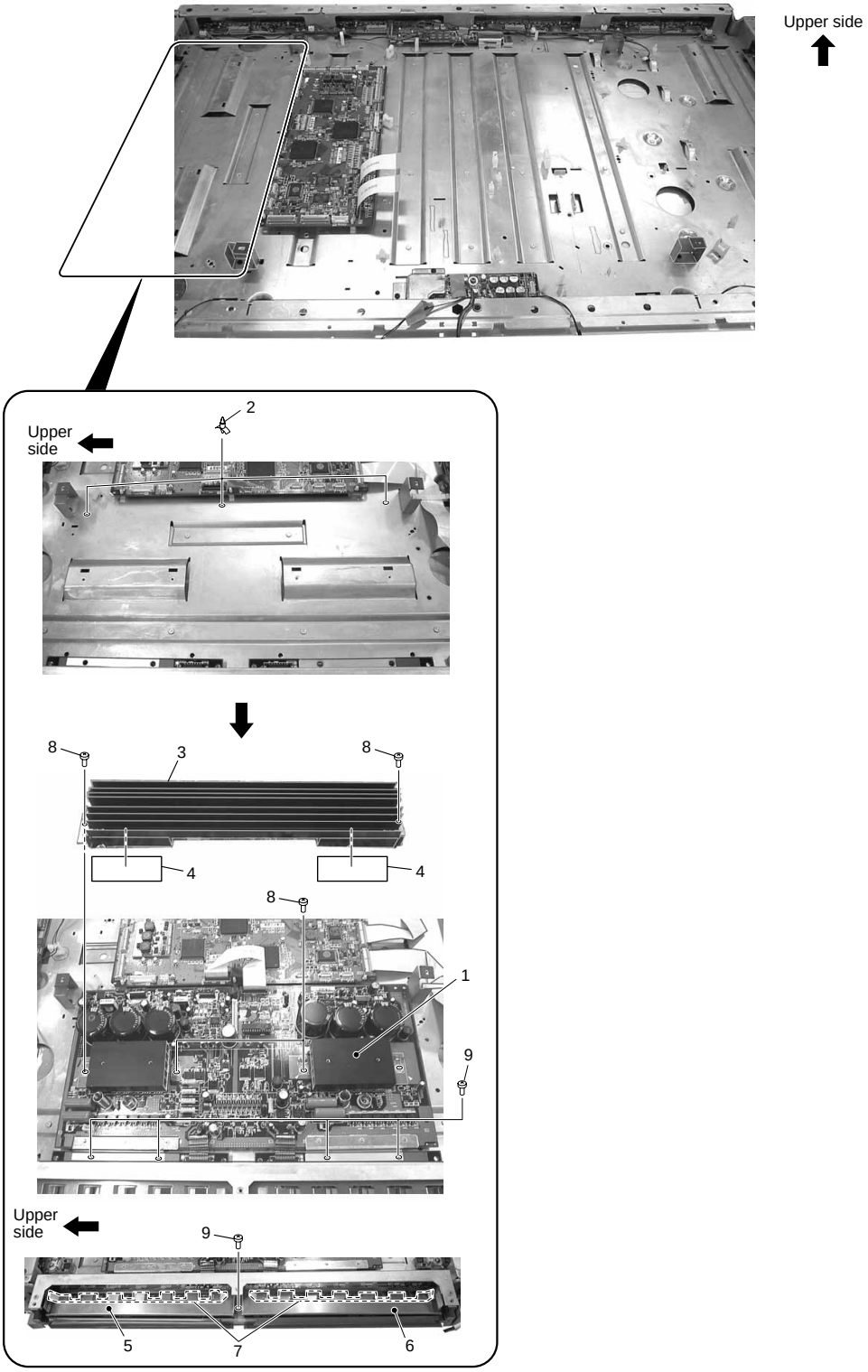
UNDER LAYER SECTION (3)



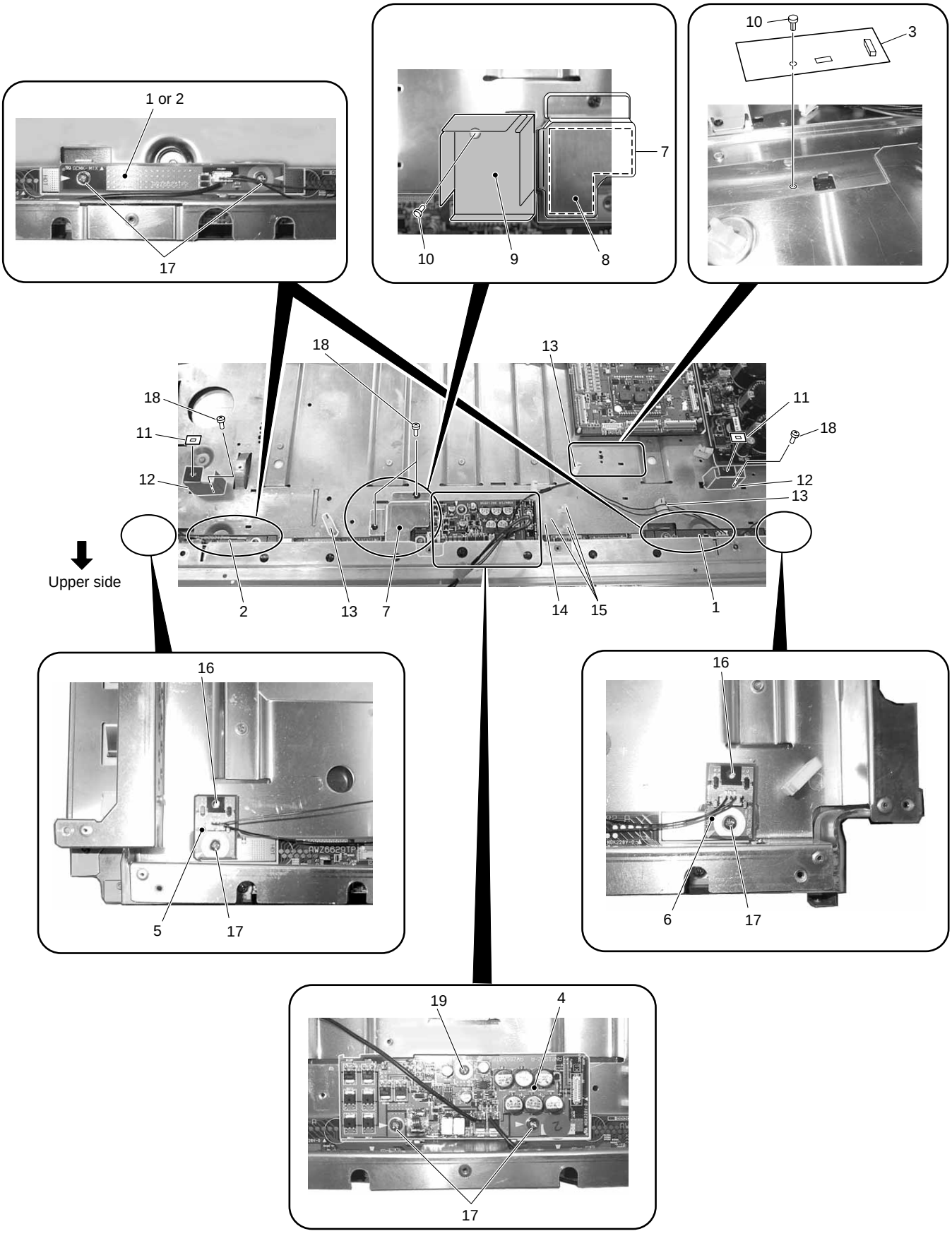
UNDER LAYER SECTION (4) PARTS LIST

Mark	Ref. No.	Part No.	★	Description	Code
	1	9GJAWZ6683	J	Y DRIVE Assy	
	2	9GJAEC1872	J	Circuit Board Spacer	AE
	3	9GJANH1598	J	Drive Heatsink Assy	
	4	9GJAEH1041	J	Drive Silicone Sheet	AN
	5	9GJABK1029	J	Scan IC Spring (L)	AX
	6	9GJABK1030	J	Scan IC Spring (R)	AX
	7	9GJAMR3287	J	Scan Insulation Sheet	AL
	8	9GJVBB30P100FN	J	Screw	AD
	9	9GJPMB30P060FN	J	Screw	AD

UNDER LAYER SECTION (4)



UNDER LAYER SECTION (5)



Mark	Ref. No.	Part No.	★	Description	Code

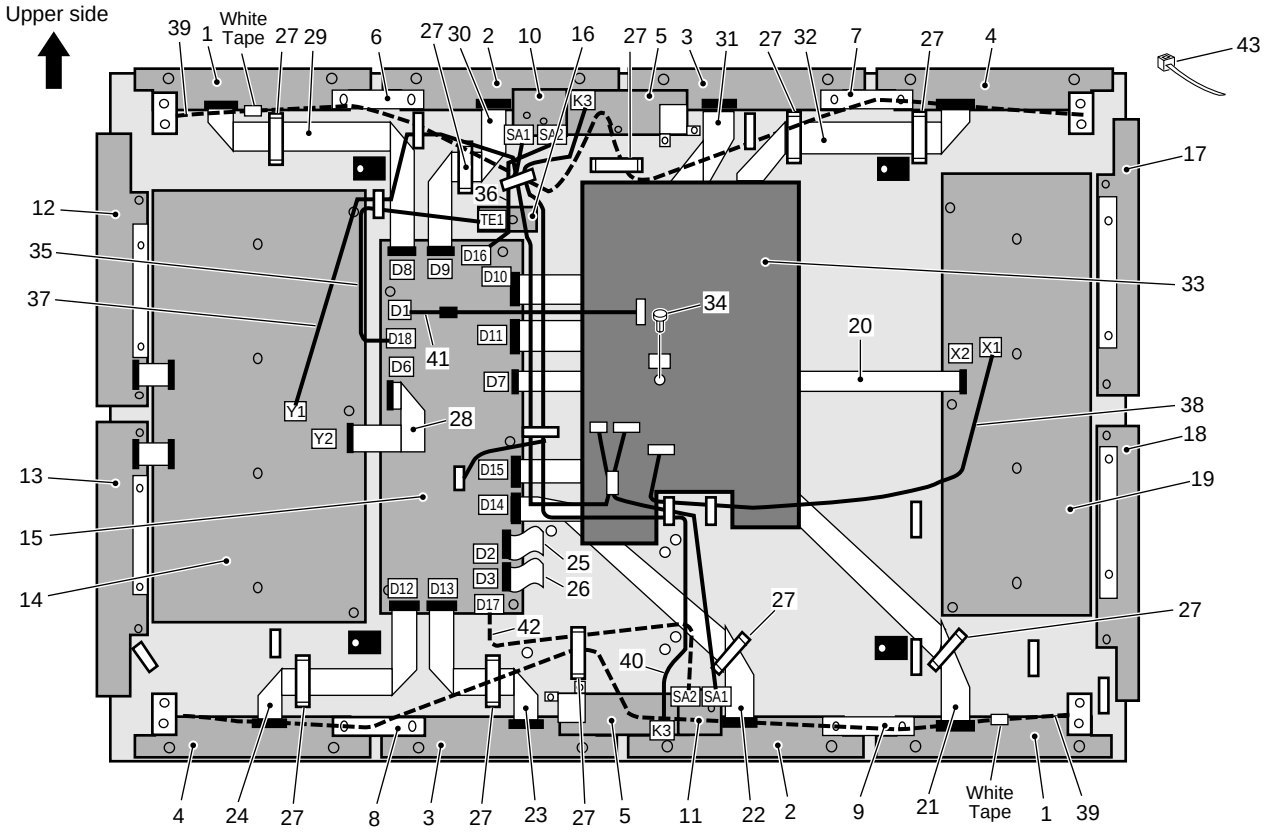
UNDER LAYER SECTION (5) PARTS LIST

1	9GJAWZ6674	J	BRIDGE A Assy	
2	9GJAWZ6675	J	BRIDGE B Assy	
3	9GJAWZ6660	J	SENSOR Assy	
4	9GJAWZ6682	J	ADR RESONANCE Assy	
5	9GJAWZ6668	J	CLAMP A Assy	
6	9GJAWZ6669	J	CLAMP B Assy	
7	9GJANH1594	J	Heat Sink	
8	9GJAEH1039	J	Silicone Sheet	AL
9	9GJAMR3302	J	FFC Holder	AN
10	9GJBEC1066	J	Rivet	AL
11	9GJAMR3263	J	Insulation Sheet	AL
12	9GJANG2464	J	Metal Fitting	
13	9GJAEC1904	J	Wire Saddle	AL
14	9GJAEC1253	J	PWB Spacer	
15	9GJAEC1873	J	Circuit Board Spacer	AD
16	9GJAEC1736	J	Locking Card Spacer	AE
17	9GJABA1301	J	Screw	AG
18	9GJABZ30P060FM	J	Screw	AD
19	9GJVBB30P100FN	J	Screw	AD

UNDER LAYER SECTION (6) PARTS LIST

Mark	Ref. No.	Part No.	★	Description	Code
NSP	1	9GJAWZ6678	–	ADR CONNECT A Assy	—
NSP	2	9GJAWZ6679	–	ADR CONNECT B Assy	—
NSP	3	9GJAWZ6680	–	ADR CONNECT C Assy	—
NSP	4	9GJAWZ6681	–	ADR CONNECT D Assy	—
	5	9GJAWZ6682	J	ADR RESONANCE Assy	
	6	9GJAWZ6674	J	BRIDGE A Assy	
	7	9GJAWZ6675	J	BRIDGE B Assy	
	8	9GJAWZ6676	J	BRIDGE C Assy	
	9	9GJAWZ6677	J	BRIDGE D Assy	
	10	9GJAWZ6692	J	SUB ADDRESS A Assy	
	11	9GJAWZ6693	J	SUB ADDRESS B Assy	
NSP	12	9GJAWZ6666	–	SCAN (A) Assy	—
NSP	13	9GJAWZ6667	–	SCAN (B) Assy	—
	14	9GJAWZ6683	J	Y DRIVE Assy	
	15	9GJAWV1929	J	DIGITAL VIDEO Assy	
	16	9GJAWZ6660	J	SENSOR Assy	
NSP	17	9GJAWZ6672	–	X CONNECTOR (A) Assy	—
NSP	18	9GJAWZ6673	–	X CONNECTOR (B) Assy	—
	19	9GJAWV1930	J	X DRIVE Assy	
	20	9GJADD1207	J	J204 Flexible Flat Cable	AQ
	21	9GJADD1206	J	J209 Flexible Flat Cable	AU
	22	9GJADD1204	J	J210 Flexible Flat Cable	AS
	23	9GJADD1199	J	J211 Flexible Flat Cable	AN
	24	9GJADD1201	J	J212 Flexible Flat Cable	AN
	25	9GJADD1194	J	J201 Flexible Flat Cable	AL
	26	9GJADD1194	J	J202 Flexible Flat Cable	AL
	27	9GJAEC1879	J	Flat Clamp	AL
	28	9GJADD1198	J	J203 Flexible Flat Cable	AN
	29	9GJADD1202	J	J205 Flexible Flat Cable	AQ
	30	9GJADD1200	J	J206 Flexible Flat Cable	AN
	31	9GJADD1208	J	J207 Flexible Flat Cable	AQ
	32	9GJADD1205	J	J208 Flexible Flat Cable	AU
	33	9GJAMR3284	J	Power Sheet	AY
	34	9GJBEC1066	J	Rivet	AL
	35	9GJADX2741	J	J110 3P Housing Wire	AL
	36	9GJADX2740	J	J108 8P Housing Wire	AL
	37	9GJADX2738	J	J102 Wire PE	AW
	38	9GJADX2766	J	J103 13P Housing Wire	AT
	39	9GJADX2767	J	J116,J117 4P Housing Wire	AQ
	40	9GJADX2763	J	J120 Wire L	AT
	41	9GJADX2768	J	J101 13P Housing Wire	AS
	42	9GJADX2743	J	J109 8P Housing Wire	AN
	43	9GJAEC-093	J	Nylon Binder	

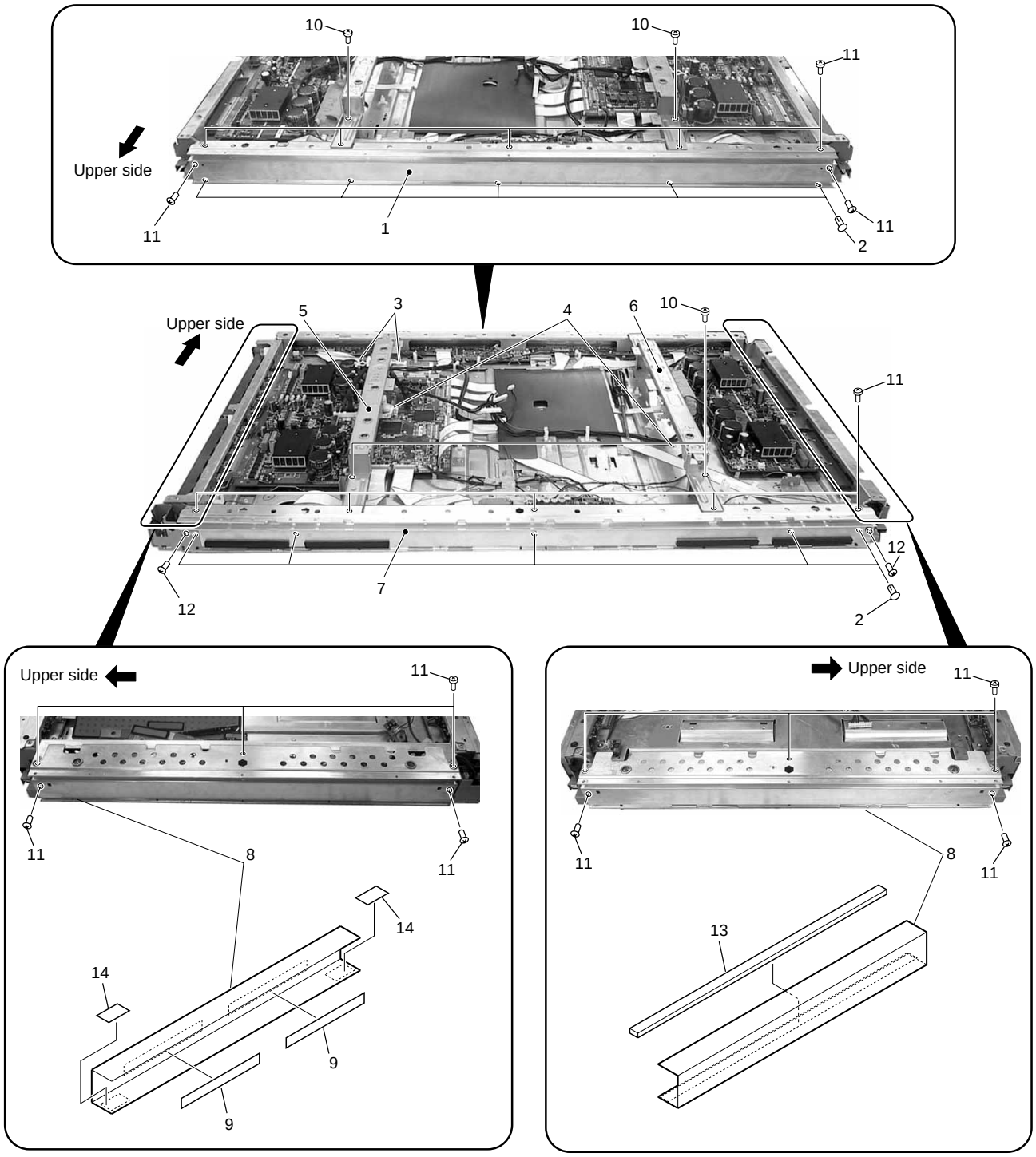
UNDER LAYER SECTION (6)



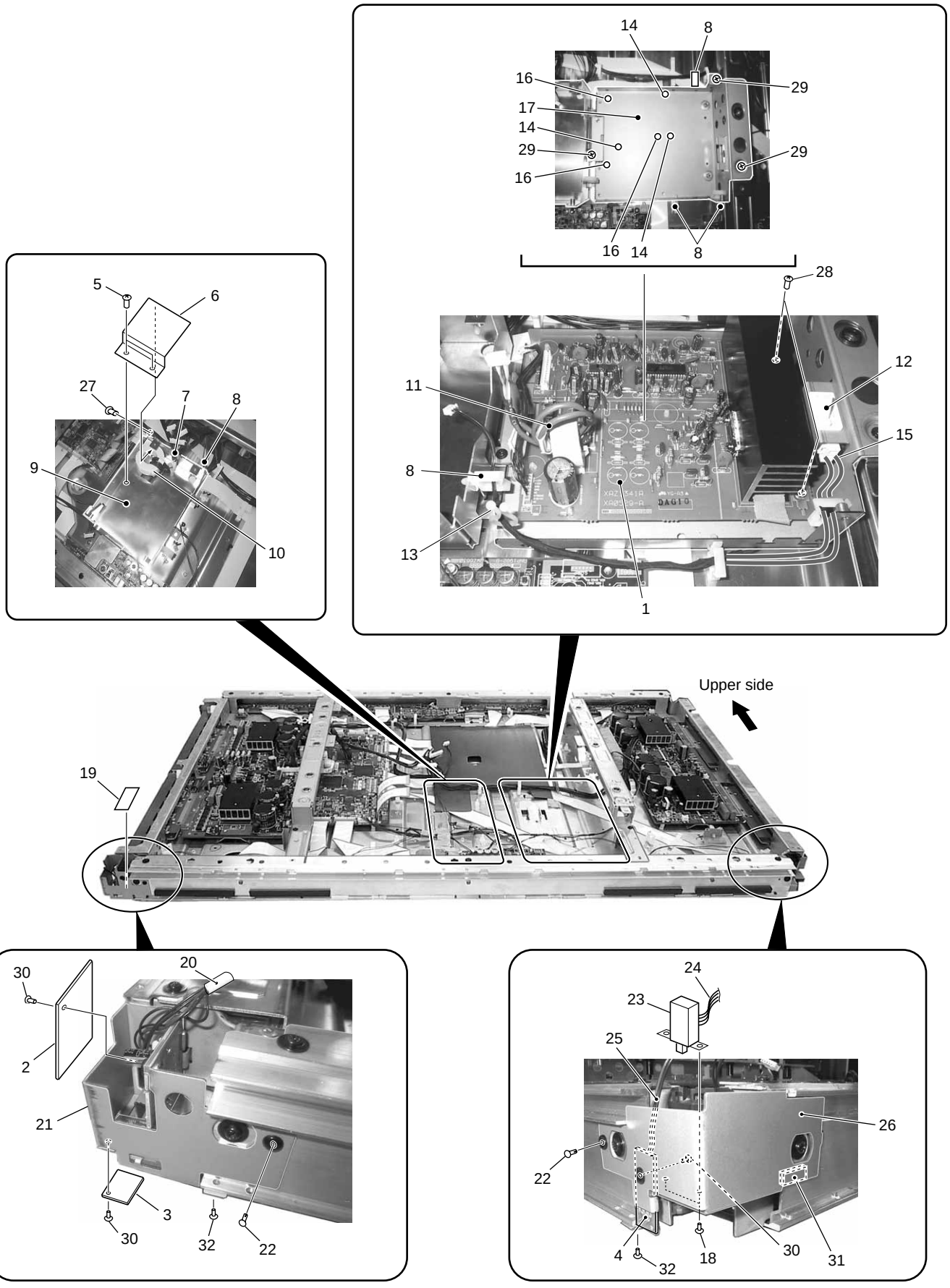
MIDDLE LAYER SECTION (1) PARTS LIST

Mark	Ref. No.	Part No.	★	Description	Code
NSP	1	9GJANA1670	–	Front Chassis HU	—
NSP	2	9GJAEC1902	–	Card Spacer	—
	3	9GJAEC1803	J	Niplocker	AL
	4	9GJBEC1144	J	Card Corner Holder	AL
	5	9GJANG2483	J	Sub Frame L	
	6	9GJANG2484	J	Sub Frame R	
NSP	7	9GJANA1671	–	Front Chassis HL	—
NSP	8	9GJANA1672	–	Front Chassis V	—
	9	9GJAEB1371	J	FPC Cushion	AL
	10	9GJABA1283	J	Screw	AE
	11	9GJABA1294	J	Screw	AD
	12	9GJBMZ30P060FM	J	Screw	AB
	13	9GJAEB1374	J	VR Cushion	AN
	14	9GJAED1205	J	V Cushion	AL

MIDDLE LAYER SECTION (1)



MIDDLE LAYER SECTION (2)

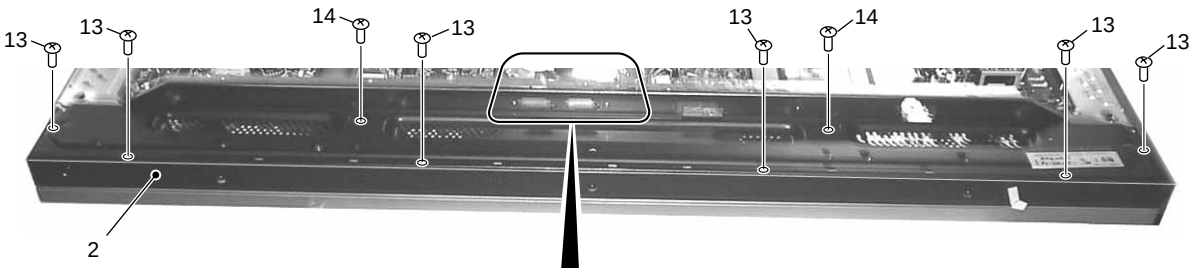


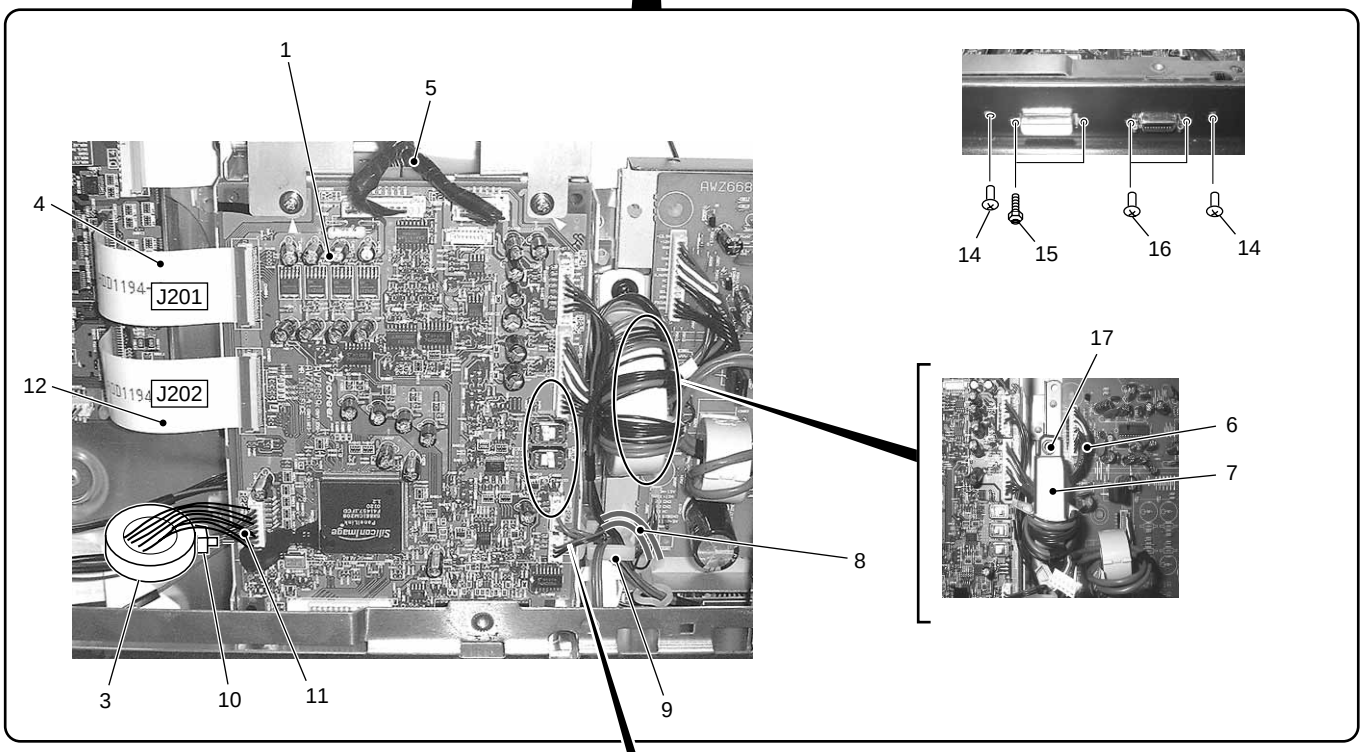
Mark	Ref. No.	Part No.	★	Description	Code

MIDDLE LAYER SECTION (2) PARTS LIST

	1	9GJAWZ6687	J	AUDIO AMP Assy	
	2	9GJAWZ6657	J	FRONT KEY CONN Assy	
	3	9GJAWZ6658	J	IR RECEIVE (P) Assy	
	4	9GJAWZ6655	J	LED Assy	
	5	9GJAEP-211	J	Nylon Rivet	AE
	6	9GJAMR3298	J	IF Sheet	AQ
	7	9GJAEC1571	J	Edge Saddle	AE
	8	9GJAEC1745	J	Wire Saddle	AD
	9	9GJANA1675	J	IF Shield	BD
	10	9GJATX1042	J	L2 Toroidal Core	AL
	11	9GJADX2735	J	J214 3P Housing Wire	AL
	12	9GJASG1089	J	S2 Power Switch	AS
	13	9GJBEC1136	J	Niplocker	AL
	14	9GJAEC1570	J	PWB Spacer	AE
	15	9GJADX2757	J	J215 3P Housing Wire	AE
	16	9GJAEC1360	J	Spacer	AF
	17	9GJANA1687	J	Audio Base	BA
	18	9GJBMZ30P060FZ	J	Screw	AD
	19	9GJAED1205	J	V Cushion	AL
	20	9GJADX2742	J	J113 Wire PJ	AN
NSP	21	9GJANG2494	–	IR Holder	—
	22	9GJAEC1671	J	Nylon Rivet	AE
⚠	23	9GJASG1082	J	S1 Power Switch	AR
	24	9GJADY2745	J	J106 Wire PC	
	25	9GJADX2748	J	J104 3P Housing Wire	AL
NSP	26	9GJANG2493	–	Switch Holder	—
	27	9GJABA1294	J	Screw	AD
	28	9GJPMB30P060FN	J	Screw	AD
	29	9GJAMZ30P060FZ	J	Screw	AD
	30	9GJBMZ30P040FM	J	Screw	AD
	31	9GJANK1695	J	Gascket R	AL
	32	9GJABZ30P050FZ	J	Screw	AD

UPPER LAYER SECTION (1)

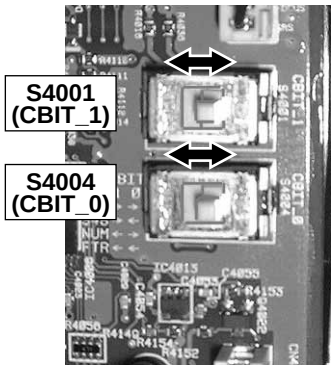




■ Caution in the MR INTERFACE Assy Replacement

Set the slide switches in accordance with applicabe model when replacing the MR INTERFACE Assy.

	S4001 CBIT_1	**S4004** CBIT_0
PZ-43BD3 (PZ-43HV3)	→	→
PZ-43HV2E	→	→
PZ-43HV2U	→	→

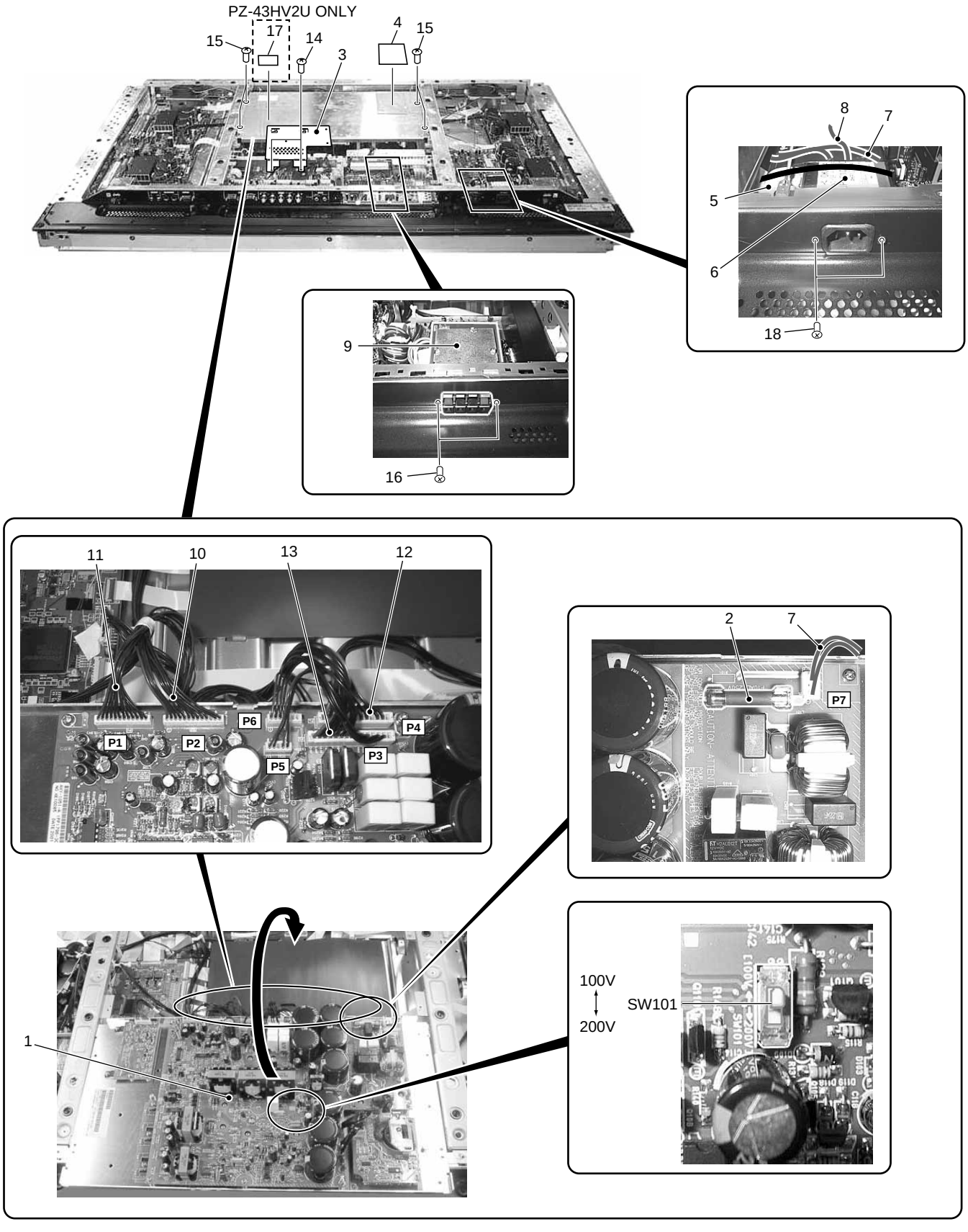


Mark	Ref. No.	Part No.	★	Description	Code

UPPER LAYER SECTION (1) PARTS LIST

1	9GJAWZ6694	J	MR INTERFACE Assy	
2	9GJANG2485	J	Terminal Panel (HD)	
3	9GJATX1037	J	L6 Ferrite Core	AR
4	9GJADD1194	J	J201 Flexible Flat Cable	AL
5	9GJADX2765	J	J118 Wire P	AU
6	9GJADX2730	J	J111 14P Housing Wire	AT
7	9GJATX1042	J	L3 Toroidal Core	AZ
8	9GJADX2735	J	J214 3P Housing Wire	AL
9	9GJADX2748	J	J104 3P Housing Wire	AL
10	9GJAEC1818	J	Ferrite Core Holder	AF
11	9GJADX2742	J	J113 Wire PJ	AN
12	9GJADD1194	J	J202 Flexible Flat Cable	AL
13	9GJTBZ40P080FZ	J	Screw	AD
14	9GJAMZ30P060FZ	J	Screw	AD
15	9GJBBA1051	J	Screw	AD
16	9GJPMZ26P030FZ	J	Screw	AD
17	9GJABA1294	J	Screw	AD

UPPER LAYER SECTION (2)

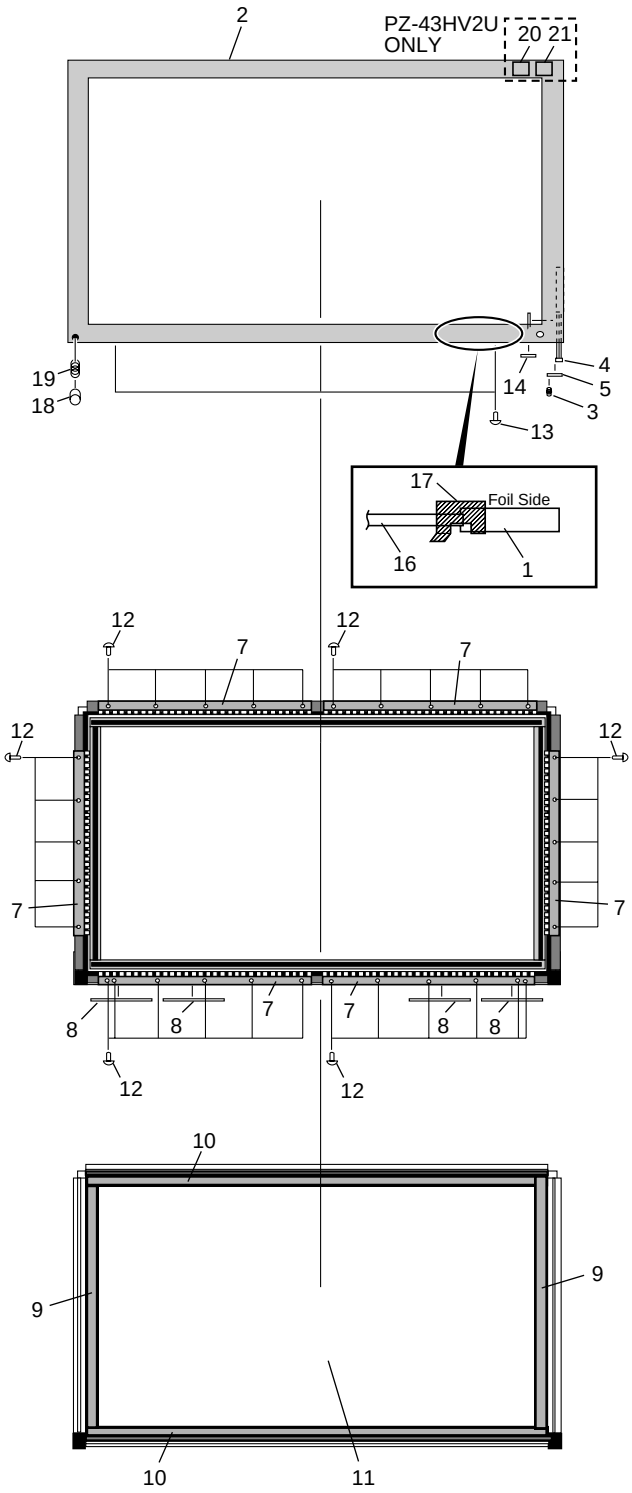


Mark	Ref. No.	Part No.	★	Description	Code

UPPER LAYER SECTION (2) PARTS LIST

	1	9GJAXY1056	J	PDP SW Power Supply Module	CP
⚠	2	9GJAEK1071	J	FU1 Fuse (10A/400V) (PZ-43HV2E)	AZ
⚠	2	9GJAEK1069	J	FU1 Fuse (10A/125V) (PZ-43HV2U)	AL
	3	9GJANA1690	J	IF Earth Metal	AT
	4	9GJAEH1035	J	Silicone Sheet P	AQ
⚠	5	9GJATX1032	J	L1 Ferrite Core	AT
⚠	6	9GJAKP1223	J	CN1 AC Inlet with Filter	BL
	7	9GJADX2744	J	J105 Wire PB	AS
	8	9GJADX2709	J	J114 Earth Wire	AL
	9	9GJAWZ6688	J	SP TERMINAL Assy	AZ
	10	9GJADX2768	J	J101 13P Housing Wire	AS
	11	9GJADX2765	J	J118 Wire P	AU
	12	9GJADX2766	J	J103 13P Housing Wire	AT
	13	9GJADX2738	J	J102 Wire PE	AW
	14	9GJPMB30P060FN	J	Screw	AD
	15	9GJAMZ30P060FZ	J	Screw	AD
	16	9GJBPZ30P080FZ	J	Screw	AB
	17	9GJAAX2644	J	Solder Warning Label (PZ-43HV2U)	
	18	9GJBMZ30P060FZ	J	Screw	AD

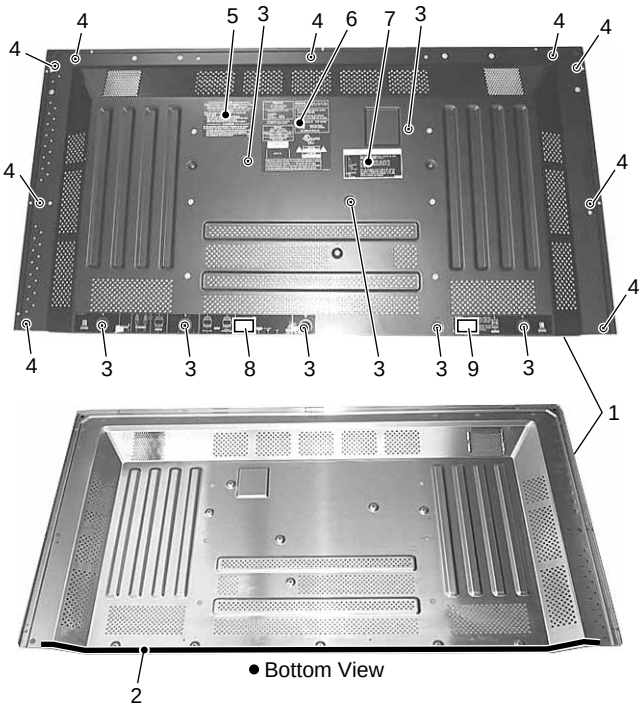
FRONT CASE SECTION

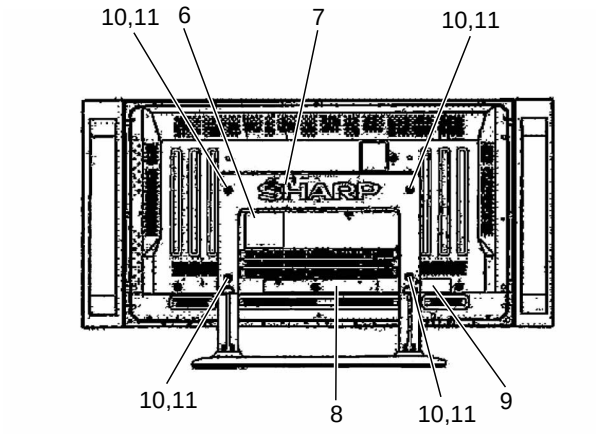


(1) FRONT CASE SECTION PARTS LIST

Mark	Ref. No.	Part No.	★	Description	Code
NSP	1	9GJAWZ6656	–	FRONT KEY Assy	—
	2	9GJAMB2725	J	Front Case Assy 43 (P)	
	3	9GJAEC1877	J	Rivet	AE
⚠	4	9GJATX1043	J	L5 Ferrite Core	AL
	5	9GJAMB2704	J	Lead Cover (P)	
NSP	7	9GJANG2487	–	Panel Holder	—
	8	9GJAEC1896	J	Spacer	AF
	9	9GJAED1201	J	Panel Cushion V	AL
	10	9GJAED1200	J	Panel Cushion H	AL
	11	9GJAMR3303-B	J	Protect Panel Assy	AD
	12	9GJABZ30P050FZ	J	Screw	AD
	13	9GJVMZ30P060FZ	J	Screw	AD
	14	9GJAAX2609	J	Serial Sheet	
	15	—			
	16	9GJADD1193	J	J213 Flexible Flat Cable	AL
NSP	17	9GJAEH1052	–	Flexible Seal (P)	—
	18	9GJAAD4113	J	Power Button	
	19	9GJABH1108	J	Coil Spring	
	20	9GJAAX2865	J	Energy Stat Label (PZ-43HV2U)	
	21	9GJAAX2891	J	HDTV Label (PZ-43HV2U)	

REAE SECTION





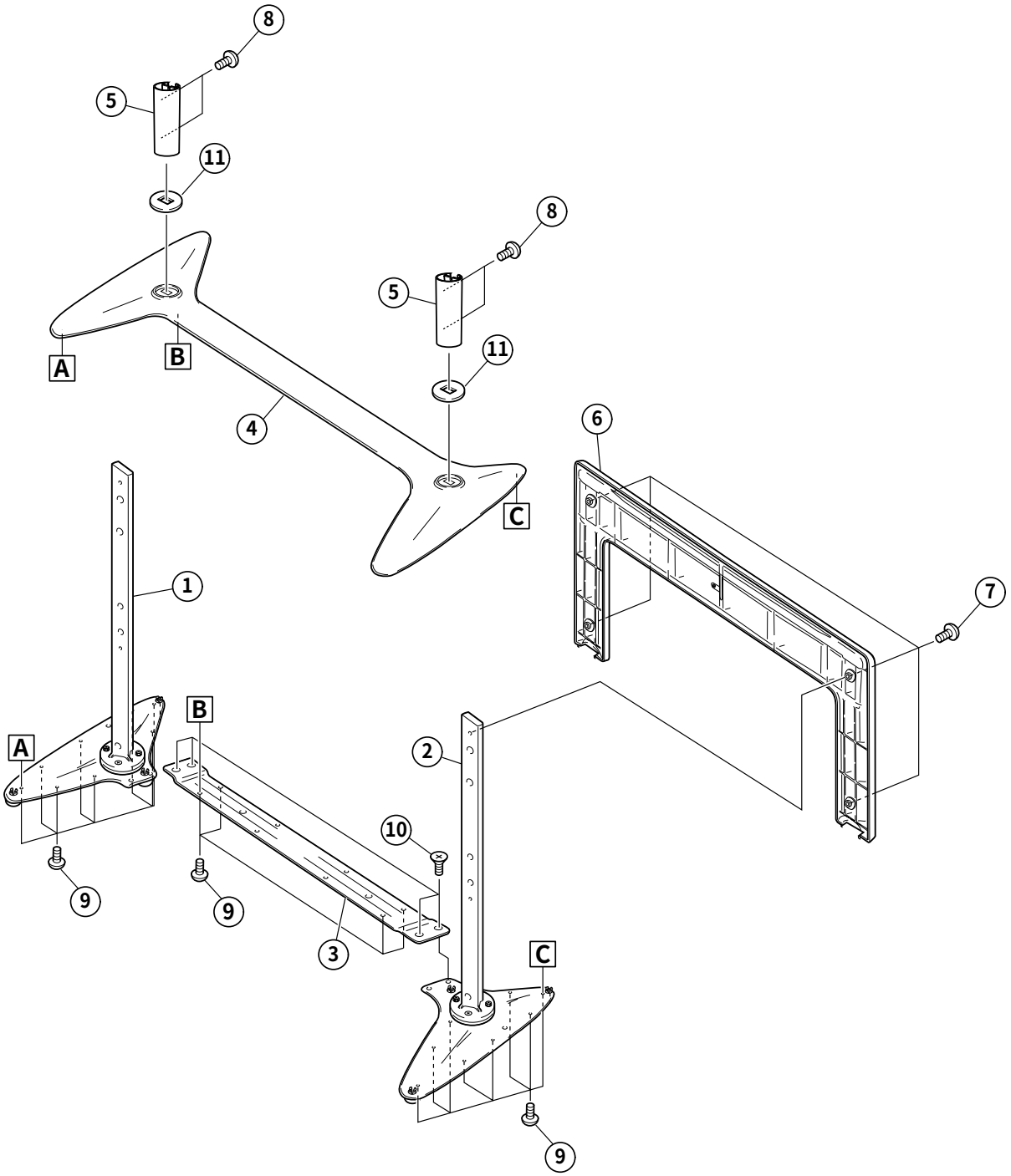
(1) REAR SECTION PARTS LIST

Mark	Ref. No.	Part No.	★	Description	Code
	1	9GJANE1605	J	Rear Case (P)	BZ
	2	9GJANK1694	J	Gascket A	AZ
	3	9GJAMZ30P060FZ	J	Screw	AD
	4	9GJTBZ40P080FZ	J	Screw	AD
	5	9GJAAX2751	J	Cleaning Label	
NSP	6	9GJAAL2368	–	Name Label (PZ-43HV2E)	—
NSP	6	9GJAAL2369	–	Name Label (PZ-43HV2U)	—
	7	9GJAAX2852	J	Bolt Caution Label	
	8	9GJAAX2858	J	Terminal Display Label P	
	9	9GJAAX2860	J	Terminal Display Label L (E) (PZ-43HV2E)	
	9	9GJAAX2859	J	Terminal Display Label L (E) (PZ-43HV2U)	
	10	9GJTMZ50P150FC	J	Screw, x4	AD
	11	9GJWB80FNI	J	Washer, x4	AD

STAND SECTION PARTS LIST

Mark	Ref. No.	Part No.	★	Description	Code
	1	9GJANG2515	J	Stand Pipe-L	BS
	2	9GJANG2516	J	Stand Pipe-R	BS
	3	9GJANG2495	J	Stand	BC
	4	9GJAMR3307	J	Base Cover	BH
	5	9GJAMR3307	J	Stand pipe Cover, x2	BG
	6	9GJAMR3308	J	Stand Rear Cover	BQ
	7	9GJTMZ50P150FC	J	Screw, x4	AD
	8	9GJTMZ50P080FC	J	Screw, x4	AD
	9	9GJTPZ40P100FC	J	Screw, x20	AD
	10	9GJAMZ30P060FC	J	Screw, x4	AD
	11	9GJAEB1372	J	Cushion, x2	AL

STAND SECTION



PDP SERVICE ASSY 433 (9GJAWU1043)

PDP Service Assy 433 (9GJAWU1043) consists of the following parts.

● PARTS LIST

Mark	Ref. No.	Part No.	★	Description	Code
		9GJAWU1043	J	PDP Service Assy 433	
NSP		9GJAWU1038	–	Panel Chassis (43) Assy	—
NSP		9GJAWV1927	–	├ SCAN FUKUGO ASSY	—
NSP		9GJAWV1928	–	├ ADDRESS FUKUGO ASSY	—
NSP		9GJAXF1110	–	├ Address Module (IC1-IC32)	—
NSP		9GJADY1079	–	├ FPC (J1,J2)	—
NSP		9GJADY1080	–	├ FPC (J3,J4)	—
NSP		9GJANA1693	–	├ Chassis Assy	—
NSP		9GJANH1601	–	├ Scan Heatsink	—
NSP		9GJANG2457	–	├ Corner Angle A	—
NSP		9GJANG2458	–	├ Corner Angle B	—
NSP		9GJAMR3262	–	├ Tube Cover	—
		9GJAEH1043	J	├ Silicone Sheet	
		9GJAEH1044	J	├ Adhesive Tape	
		9GJAEH1054	J	├ Adhesive Tape B	
		9GJAEH1055	J	├ Panel Silicone Sheet	
		9GJAEC1015	J	├ Pin Grommet	AE
		9GJAEC1889	J	├ Card Spacer	AE
		9GJAEH1047	J	├ Scan Silicone Sheet	AN
NSP		9GJAAV1239	–	├ Plasma Panel Assy	—
		9GJVBB30P100FN	J	└ Screw	AD
NSP		9GJANA1672	–	Front Chassis V	—
NSP		9GJANA1670	–	Front CHassis HU	—
NSP		9GJANA1692	–	Front Chassis HL	—
NSP		9GJANG2483	–	Sub Frame L	—
NSP		9GJANG2484	–	Sub Frame R	—
		9GJABK1029	J	Scan IC Spring (L)	AX
		9GJABK1030	J	Scan IC Spring (R)	AX
NSP		9GJANG2464	–	Metal Fitting	
		9GJAEB1371	J	FPC Cushion	AL
NSP		9GJAEC1211	–	PWB Spacer	
		9GJAEC1736	J	Locking Card Spacer	AE
		9GJAEC1872	J	Circuit Board Spacer	AE
		9GJAEC1873	J	Circuit Board Spacer	AD
		9GJAEC1896	J	Spacer	AF
NSP		9GJAEC1902	–	Card Spacer	—
		9GJAEC1904	J	Wire Saddle	AL
		9GJAED1200	J	Panel Cushion H	AL
		9GJAED1201	J	Panel Cushion V	AL
		9GJAED1205	J	V Cushion	AL
		9GJAMR3263	J	Insullation Sheet	AL
		9GJAMR3287	J	Scan Sheet	AL
		9GJBEC1144	J	Card Corner Holder	AL
		9GJABA1283	J	Screw	AE
		9GJABA1294	J	Screw	AD
		9GJABZ30P060FM	J	Screw	AD
		9GJBMZ30P060FM	J	Screw	AB
		9GJPMB30P060FN	J	Screw	AD
		9GJVBB30P100FN	J	Screw	AD
		9GJABA1259	J	Bolt	AL
		9GJAHA2293	J	Corner Pad	
		9GJAHD3139	J	Upper Carton	
		9GJAHD3140	J	Under Carton	
		9GJAHG1291	J	Packing Sheet	
		9GJWB80FZB	J	Washer	
		9GJAEB1374	J	VR Cushion	AN
		9GJAEC1803	J	Niplocker	AL
		9GJAHK1013	J	Static Plate	
		9GJAHK1014	J	Plate	
		9GJBYC40P220FM	J	Screw	
		9GJWC60FZK	J	Washer	

■ Caution in Replacement of Chassis Block

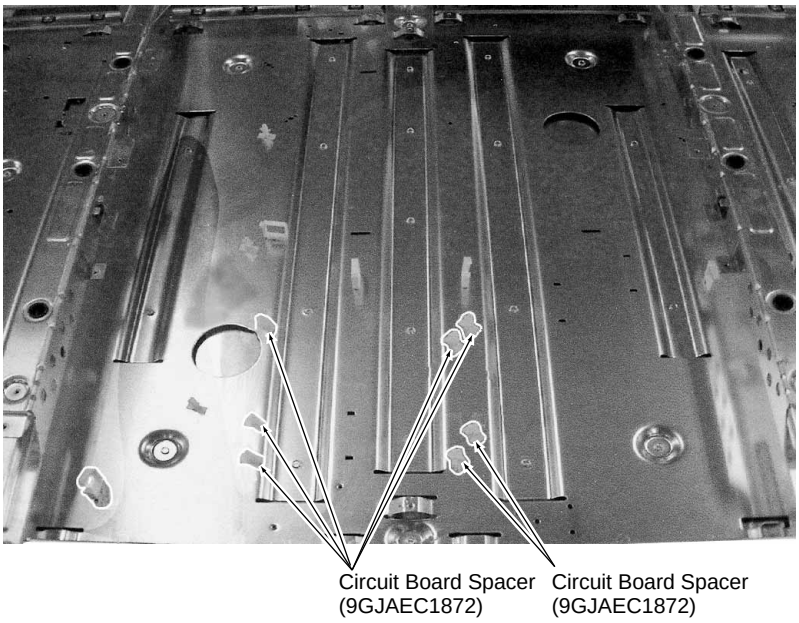
Please order the PDP Service Assy 433 (9GJAWU1043) when replacing the Chassis block.
PDP Service Assy 433 is all common use parts of for business, public use and module.
Supply it by the state that installed Circuit Board Spacer (9GJAEC1872) and Wire Saddle (9GJAEC1904) as follows.
Therefore need to remove it in accordance with model.

Confirm character carved a seal near the parts, and remove it.

P : Public exclusive use
W : Module exclusive use
PW : Common use of public use and module

∗ In case of this unit, the parts that "W" is marked removes.

PDP Service Assy 433 (9GJAWU1043)



(1) PACKING PARTS LIST

Mark	Ref. No.	Part No.	★	Description	Code
	1	9GJAHD3125	J	Packing Case (PZ-43HV2)	BG
	1	9GJAHD3117	J	Packing Case (PZ-43HV2E)	BG
	1	9GJAHD3124	J	Packin Case (PZ-43HV2U)	BG
	2	9GJAHD3118	J	Carton	AZ
	3	9GJAHA2281	J	Pad-A	BD
	4	9GJAHA2284	J	Pad-B	BD
	5	9GJAHA2285	J	Pad-C	BD
	6	9GJAHA2286	J	Pad-D	BD
	7	9GJAHG1329	J	Mirror Mat	AQ
	7	9GJAHG1284	J	Mirror Mat	AP
	8	9GJAHB1245	J	Side Sheet (R), (L)	AL
NSP	9	*Not Available*	–	Poly Bag (Accessories)	—
	10	9GJAHG1302	J	Protect Film Sheet	AL
NSP	11	*Not Available*	–	PP Tape	—
NSP	12	*Not Available*	–	Serial No. Label	—
	13	RSP-ZA007WJN2	J	Speaker Set (L, R)	CS

SUPPLIED ACCESSORIES

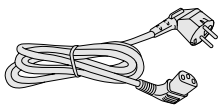
Mark	Part No.	★	Description	Code
NSP	9GJAHG1303	–	Poly Bag (Power Cord)	—
	9GJAED1197	J	Wiping Cloth	AY
⚠	9GJADG1173	J	Power Cord (PZ-43HV2E for Europe)	BE
⚠	9GJADG1193	J	Power Cord (PZ-43HV2E for U.K.)	
⚠	9GJADG1178	J	Power Cord (PZ-43HV2U)	BE
	9GJABA1261	J	Special Screw, x2	BA
	9GJAEC1510	J	K-Clip, x5 (SP Cable)	AH
	9GJAEC1916	J	Adjust Clamp (System Cable)	AG
	9GJANG2496	J	Stopper Stand	BA
	9GJTMZ50P080FC	J	Screw, x4	AD

MISCELLANEOUS PARTS

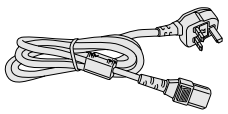
Part No.	★	Description	Code
9GJAEB1376	J	Cushion (Front) (PZ-43HV2/PZ-43HV2U)	AL
9GJAEC1914	J	Spacer (PZ-43HV2/PZ-43HV2U)	AE
9GJAEC1915	J	Spacer (Button) (PZ-43HV2/PZ-43HV2U)	AG
9GJAAX2897	J	Terminal Label-A	AS
9GJAAX2900	J	Terminal Label-B (PZ-43HV2U)	AQ
9GJAAX2899	J	Terminal Label-B (PZ-43HV2E)	AQ
9GJABA1259	J	Screw	AL
9GJABA1307	J	Screw	AD

• Accessories

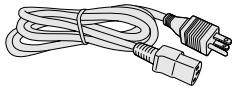
Power cord



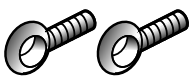
PZ-50HV2E
(For Europe, except U.K. and Eire)



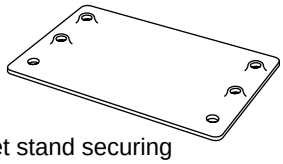
PZ-50HV2E
(For U.K., and Eire)



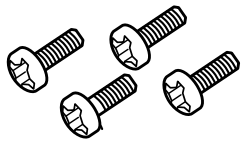
PZ-50HV2U
(For North America)



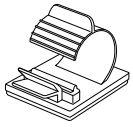
Two screws for preventing the System from falling over



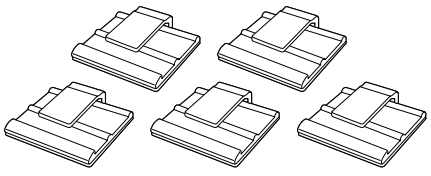
Set stand securing bracket



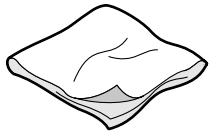
Four scews for set standr securing bracket



System cable clamp

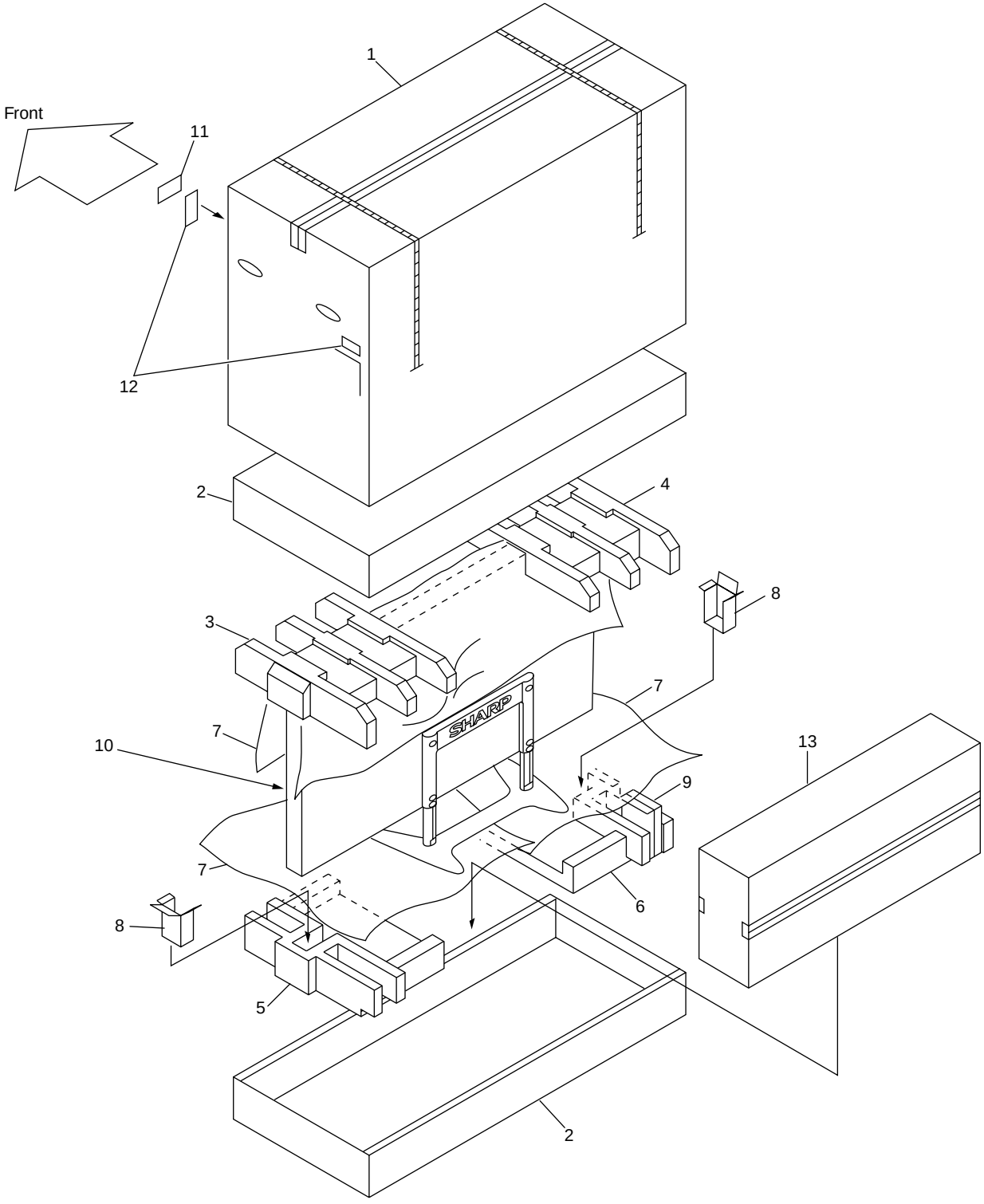


Five speaker cable clamps

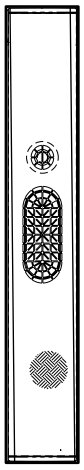


Cleaning cloht

PACKING OF THE SET



SPEAKER SYSTEMS



SPEAKER SET

MODEL RSP-ZA007WJN2

OUTLINE

Speaker System for the PLASMA DISPLAY TV
[Appropriate Model]
This speaker system is for exclusive use with models PA-43HV2/43HV2E/43HV2U

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "⚠" in the Replacement Parts Lists.
The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION
5. CODE
6. QUANTITY

NOTES

- Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.
- The ⚠ mark found on some component parts indicates the importance of the safety factor of the part.
  Therefore, when replacing, be sure to use parts of identical designation.

in **USA**: Contact your nearest SHARP Parts Distributor.
For location of SHARP Parts Distributor,
Please call Toll-Free; 1-800-BE-SHARP

in **CANADA**: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100.

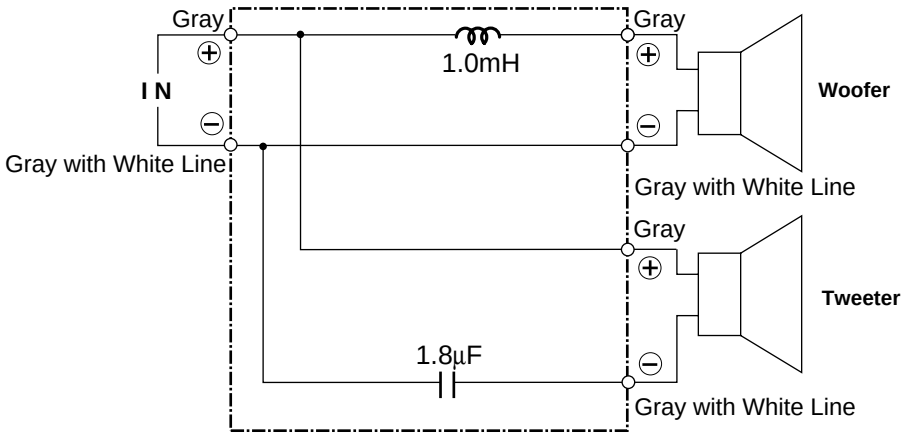
MARK ★: SPARE PARTS-DELIVERY SECTION

CABINET APRTS LIST

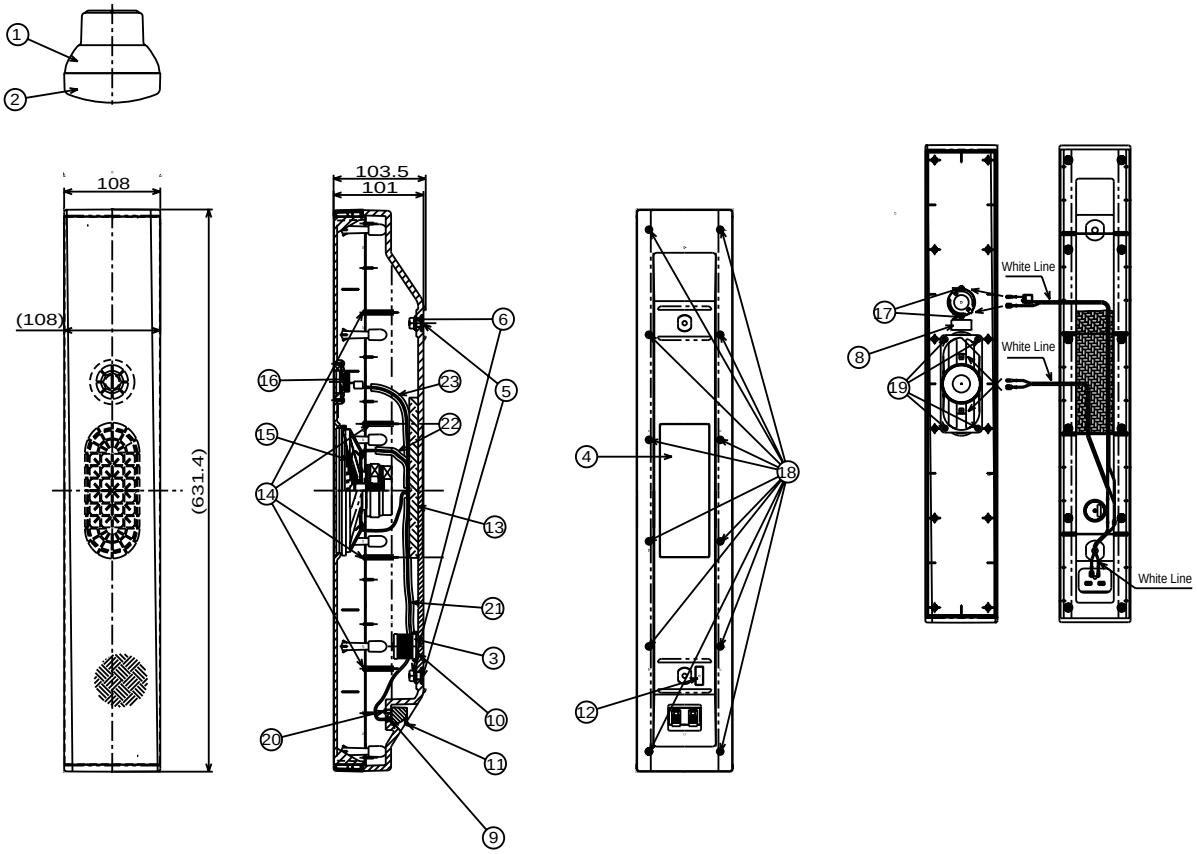
Mark	Ref. No.	Part No.	★	Description	Code
		RSP-ZA007WJN2		Speaker Set (L, R)	CS
NSP	1	9GJSNK2590	–	Cabinet	—
NSP	2	9GJSXB1447	–	Baffle Assy	—
	3	9GJSWN1689	J	Network Assy	BC
NSP	4	9GJSAN3077	–	Model Label	—
	5	9GJSBA1091	J	Flanged Anchor Bolt	AL
	6	9GJSBN1002	J	Serrated Flanged Nut	AE
	7	—			
	8	9GJSEC1596	J	Gasket(∗)	AE
	9	9GJSEC1587	J	Gasket(∗)	AE
	10	9GJSEC1589	J	Gasket(∗)	AG
	11	9GJSKX1077	J	In-Put Terminal	AT
NSP	12	9GJSME3291	–	Stamped Serial Label	—
NSP		9GJSRW1088	–	Serial Label	—
NSP	13	9GJSMV2111	–	Acoustic Absorbent	—
	14	9GJSNA1410	J	Metal Rinforce	AL
	15	9GJA142CU6151F	J	Speaker(Woofer)	BC
	16	9GJFK26AP0269F	J	Speaker(Tweeter)	BA
	17	9GJAPZ30P080FMC	J	Screw(∗)	AD
	18	9GJBPZ30P160FZK	J	Screw(∗)	AD
	19	9GJBPZ40P080FMC	J	Screw(∗)	AD
	20	9GJBPZ40P160FMC	J	Screw(∗)	AD
	21	9GJSEC1605	J	Gasket(∗)	AL
	22	9GJSEC1606	J	Gasket(∗)	AG
	23	9GJSEC1607	J	Gasket(∗)	AL

SCHEMATIC DIAGRAM

Network Assy (9GJSWN1689)



CABINET PARTS AND DIMENSIONS



(Unit : mm)

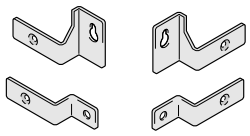
PACKING PARTS LIST

Mark	Ref. No.	Part No.	★	Description	Code
		9GJSEA1588	J	Spacer Set	AW
NSP		9GJSEC1608	–	├ Spacer	—
NSP		9GJSHC1785	–	└ Sheet	—
		9GJSHC1783	J	Protection Sheet	AL
		9GJSHD1051	J	Spacer	AN
		9GJSHG2406	J	Packing Case	AT
		9GJSME3280	J	Side Pad Assy	AW
		9GJSHB1102	J	├ Side Pad1	AL
		9GJSHB1103	J	├ Side Pad2	AL
		9GJSHB1104	J	└ Side Pad3	AL
NSP		9GJSME3292	–	Stamped Serial Label	—
NSP		9GJSRW1089	–	└ Serial Number Label	—

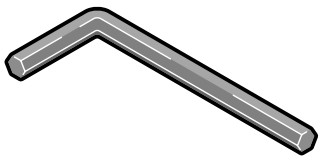
SUPPLIED ACCESSOPIES

Mark	Ref. No.	Part No.	★	Description	Code
		9GJSEA1584	J	Speaker Wire Set	AS
		9GJSDS1131	J	├ Speaker Wire	AN
		9GJSDS1132	J	├ Speaker Wire	AN
NSP		9GJSHL1178	–	└ Polyethylen Bag S1	—
NSP		9GJSEA1582	–	Accsessories Assy	—
		9GJSEA1578	J	├ Bracket Set	AZ
		9GJSHL1326		├ Polyethylen Bag S1	AD
		9GJSNA1406	J	└ Bracket	AU
		9GJSEA1579	J	├ Bracket(R) Set	AX
		9GJSHL1326		├ Polyethylen Bag S1	AD
		9GJSNA1407	J	└ Bracket(R)	AW
		9GJSEA1580	J	├ Bracket(L) Set	AX
		9GJSHL1328	J	├ Polyethylen Bag S1	AD
		9GJSNA1408	J	└ Bracket(L)	AW
NSP		9GJSEA1583	–	├ Screw Set	—
		9GJCMZ50P120FZ	J	├ Screw	AD
		9GJSBA1160	J	├ Bolt	AG
		9GJSEX1015	J	├ Hexagon Lench	AL
		9GJSHL1326	J	└ Polyethylen Bag S1	AD
		9GJSHL1327	J	└ Polyethylen Bag S1	AD

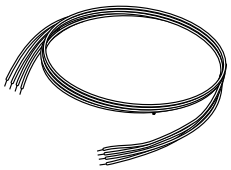
• Accessories



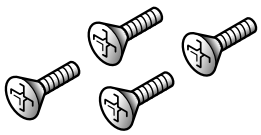
Four speaker brackets



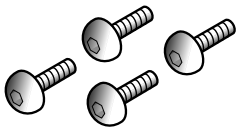
Hexagon wrench



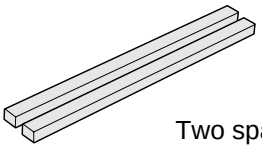
Two speaker cables



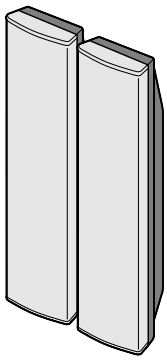
Four screws for speaker bracket



Four screws for speaker bracket

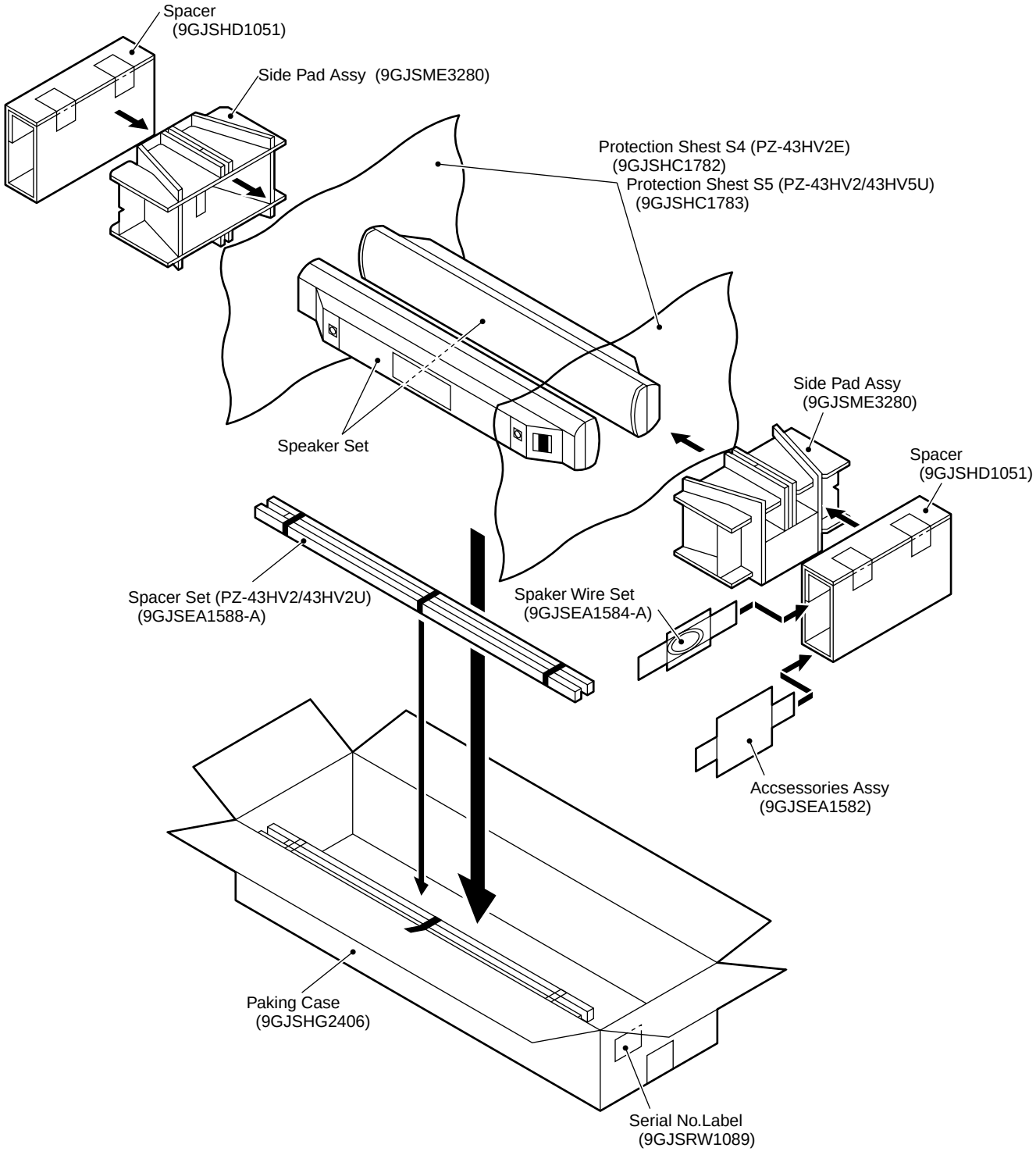


Two spacers for speakers



Two speakers

PACKING OF THE SET



SHARP

TQ1452-S
Dec. 2002 Printed in Japan

Design and Production Information	
Design	: Japan
Production	: Japan

SY. KG

SHARP CORPORATION
AV Systems Group
Quality & Reliability Control Center
Yaita, Tochigi 329-2193, Japan